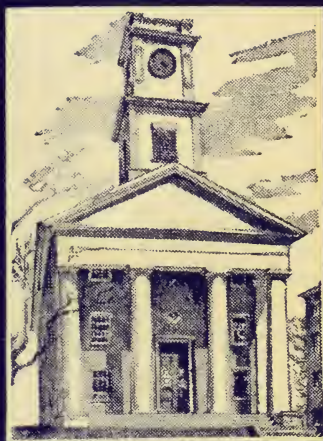


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1953-1954

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NOVEMBER, 1953

NUMBER 1

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NOVEMBER 1953

NUMBER 1

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DECEMBER						
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College Calendar

1953

Sept. 23	<i>Wednesday</i> , 2:00 p.m.	Opening Chapel Service
Sept. 24	<i>Thursday</i> , 8:00 a.m.	Beginning of Classes
Oct. 24	<i>Saturday</i> (a holiday)	Wesleyan Football Game
Nov. 14	<i>Saturday</i> (a holiday)	Williams Football Game at Williamstown
Nov. 25	<i>Wednesday</i> , 12:50 p.m.	Beginning of Thanksgiving Recess
Nov. 30	<i>Monday</i> , 8:00 a.m.	End of Thanksgiving Recess
Dec. 19	<i>Saturday</i> , 12:00 noon	Beginning of Christmas Recess

1954

Jan. 4	<i>Monday</i> , 8:00 a.m.	End of Christmas Recess
Jan. 22	<i>Friday</i> through <i>Thursday</i> }	First Semester Examination Period
Jan. 28	<i>Monday</i> , 8:00 a.m.	Beginning of Second Semester
Feb. 1	<i>Saturday</i> , 11:50 a.m.	End of Classes before Spring Recess
Mar. 20	<i>Saturday</i> , 1:00 p.m.	Beginning of Fraternity Rushing
Mar. 21	<i>Sunday</i> , 12:00 noon	Beginning of Spring Recess
Apr. 5	<i>Monday</i> , 8:00 a.m.	End of Spring Recess
May 15	<i>Saturday</i> (a holiday)	Dance Holiday
May 31	<i>Monday</i> through <i>Saturday</i> }	Second Semester Examination Period
June 5	<i>Sunday</i>	Commencement
Sept. 22	<i>Wednesday</i> , 2:00 p.m.	Opening Chapel Service
Sept. 23	<i>Thursday</i> , 8:00 a.m.	Beginning of Classes
Oct. 23	<i>Saturday</i> (a holiday)	Wesleyan Football Game at Middletown
Nov. 13	<i>Saturday</i> (a holiday)	Williams Football Game
Nov. 24	<i>Wednesday</i> , 12:50 p.m.	Beginning of Thanksgiving Recess
Nov. 29	<i>Monday</i> , 8:00 a.m.	End of Thanksgiving Recess
Dec. 18	<i>Saturday</i> , 12:00 noon	Beginning of Christmas Recess

1955

Jan. 3	<i>Monday</i> , 8:00 a.m.	End of Christmas Recess
Jan. 21	<i>Friday</i> through <i>Thursday</i> }	First Semester Examination Period
Jan. 27	<i>Monday</i> , 8:00 a.m.	Beginning of Second Semester
Mar. 19	<i>Saturday</i> , 12:00 noon	End of Classes before Spring Recess
Mar. 19	<i>Saturday</i> 1:00 p.m.	Beginning of Fraternity Rushing
Mar. 20	<i>Sunday</i> , 12:00 noon	Beginning of Spring Recess
April 4	<i>Monday</i> , 8:00 a.m.	End of Spring Recess
Mar. 14	<i>Saturday</i> (a holiday)	Dance Holiday
May 30	<i>Monday</i> through <i>Saturday</i> }	Second Semester Examination Period
June 4	<i>Sunday</i>	Commencement

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CHARLES SCOTT PORTER, M.A.

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† Absent on leave for the first semester.

‡ Absent on leave for the second semester.

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† Absent on leave to Doshisha University, Kyoto, Japan.

‡ Absent on leave for the second semester.

* Absent on leave for the first and second semesters.

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* Absent on leave for the first and second semesters.

Associate

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Research Associate in Biology

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RONALD BOS	<i>Physics</i>
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John Woodruff Simpson Fellow in Law
- STEVEN M. JACOBSON Harvard University
John Woodruff Simpson Fellow in Law
- ALAN P. JOHNSON University of Michigan
John Woodruff Simpson Fellow in English
- KARL C. LEMP Harvard University
John Woodruff Simpson Fellow in Law
- PIERS I. LEWIS Harvard University
George A. Plimpton Fellow in English
- WILLIAM R. POIRIER Harvard University
James Ingram Merrill Fellow in English
- WILLIAM H. PRITCHARD Columbia University
Forris Jewett Moore Fellow in Philosophy
- FRANCIS B. RANDALL Columbia University
Henry P. Field Fellow in History
- WILLIAM G. SAYRES Columbia University
John Woodruff Simpson Fellow in Law
- ROBERT L. STERN St. Joseph's Seminary
George A. Plimpton Fellow in Theology
- DONALD W. SUTHERLAND Harvard University
John Woodruff Simpson Fellow in Medicine
- THOMAS C. WASHBURN Harvard University
John Woodruff Simpson Fellow in Medicine
- RICHARD E. WATSON Massachusetts Institute of Technology
George A. Plimpton Fellow in Physics
- PHILIP S. WINTERER Harvard University
George A. Plimpton Fellow in Law

Amherst College Library

NEWTON FELCH McKEON, JR., B.A.

Director

KATHARINE CONOVER COWLES, B.A.

Chief Cataloguer

EBENEZER PORTER DICKINSON

Reference Librarian

RUTH MARIE ERIT, B.A.

Order Librarian

MRS. MERRILL JASPER MACK

Head of Circulation

The Pratt Museum of Geology

GEORGE WILLIAM BAIN, PH.D.

Curator

ALBERT ELMER WOOD, PH.D.

Associate Curator

SANBORN PARTRIDGE, PH.D.

Associate Curator

NATHANIEL McLEAN SAGE, JR., PH.D.

Associate Curator

RAYMOND EMIL SCHORTMANN

Associate Curator

Snell Museum of Physics

THEODORE SOLLER, PH.D.

Director

Edward Hitchcock Memorial Room

RENA MARY DURKAN

Curator

Amherst College Wildlife Sanctuary

WALTER CHARLES MARKERT, B.S.

Director

Mead Art Building

CHARLES HILL MORGAN, PH.D.

Director

CHARLES ENSIGN ROGERS, M.A.

Assistant Director

MARGARET CECILIA TOOLE, B.A.

Assistant Curator of Painting

ADVISORY COMMITTEE ON ACQUISITIONS

LOUISA DRESSER, B.A.

Worcester, Mass.

Curator, Worcester Art Museum

CHARLES HILL MORGAN, PH.D.

Amherst, Mass.

Professor of Fine Arts on the William R. Mead Foundation

CHARLES HENRY SAWYER, L.H.D.

New Haven, Conn.

Dean of the School of Fine Arts, Yale University

JAMES KELLUM SMITH, L.H.D.

New York, N. Y.

President of the American Academy in Rome

FRANCIS HENRY TAYLOR, L.H.D.

New York, N. Y.

Director of the Metropolitan Museum of Art

CHARLES WOOLSEY COLE, PH.D., L.H.D., SC.D., LITT.D., LL.D.

Amherst, Mass.

President of the College, ex-officio

Kirby Memorial Theatre

FAYETTE CURTIS CANFIELD, B.A.

Director

CHARLES ENSIGN ROGERS, M.A.

Designer

RALPH CLELAND MCGOUN, JR., M.A.

Technical Director

Advisor on Charitable Fund Awards

FRANK LEAROYD BOYDEN, SC.D., PD.D., LITT.D., L.H.D., LL.D.

Deerfield, Mass.

Amherst College

Amherst College is located in the center of Amherst, Massachusetts — a rural community of some 8,500 residents situated in the lovely and fertile Connecticut River Valley of Western Massachusetts. The countryside is given over largely to dairying and farming in which tobacco, potatoes, and onions dominate the economy. It is also a cultural area for at the northern end of the town is the University of Massachusetts and within a few miles are Smith College, at Northampton, and Mount Holyoke College, at South Hadley.

The town is an offshoot of Hadley which it adjoins to the west and which, in turn, was a subdivision of Northampton, settled in 1654 by pioneers pushing north along the Connecticut River from Windsor and Springfield. Though Hadley was established by 1659, there is no evidence of permanent settlement in its "Third Precinct" — later to be named Amherst — until 1731; in that year eighteen families are known to have built their homes along this then remote frontier.

Settlement in those early days was indeed hazardous, for in the late seventeenth century came the most harrowing Indian conflicts in New England's history known as King Philip's War. Colonies fell back on one another as outpost after outpost was obliterated — including the well known massacres in 1675 at Deerfield and Bloody Brook a few miles to the north. Hadley itself was beset the following spring.

Upon King Philip's assassination in 1676 peace returned — but not for long. In 1688, in alliance with and goaded by the French, Indians again fell upon isolated communities of the valley and continued their bloody forays for many years.

Settlement of the Third Precinct was sufficient by 1759, however, for the Massachusetts General Court to grant the community's petition that it become "a separate and distinct district" named for Sir Jeffery Amherst "in token of our regard for the worthy knight and of our own admirable friendship for same."

A year after the town's founding General Amherst achieved his greatest triumph when, in concert with Wolfe's recovery of Quebec, he captured the series of frontier posts at Ticonderoga, Crown Point, Oswego, and Fort Niagara, and then effected the surrender of Montreal. Capitulation of these two centers brought an end to French activity in America and hastened an end to the French and Indian War.

Amherst College was founded in 1821 by residents of the town of Amherst and of the embracing valley "for the Classical Education of indigent young men of piety and talents for the Christian ministry." No single man was responsible for its birth, for it sprang from community interest and enterprise. A handful of devoted men, to be sure, inspired

and led the movement to establish a "Collegiate Institution at Amherst," best known of whom was Noah Webster, the lexicographer; but the College is named for the town that made it possible, rather than for Lord Jeffery Amherst from whom the town took its name.

Actually, the founders of the College established a dual organization which continued for over a hundred years: Amherst College, administered by a Board of Trustees, and the Charity Fund, under a Board of Overseers. The latter, formed in 1818 (thus antedating the College by three years), had assets of \$50,000 in promissory notes from two hundred and seventy-five subscribers when South College, the campus' first building, was completed in 1821. This then represented the College's only endowment and so continued for many years. In its charter was the provision that of its income five-sixths should be used as scholarship aid for students preparing for the ministry, and one-sixth should be added each year to the principal.

Similarly, South College arose on donated land and was built largely by labor, materials, and provisions contributed by friends in the town and countryside. When constructed, its bills unpaid and unprovided for totaled less than \$1,300.

Zephaniah Swift Moore, then president of Williams College, answered the Trustees' call to become Amherst's first president, and over the Berkshires with him came several members of his faculty and student body. The first class was composed of forty-seven students, for the most part from New England. Two years later North College was completed, and in 1827, between these first two buildings, Johnson Chapel, thus forming College Row.

Since 1821 Amherst has grown considerably but remains an independent, gift-supported college. Approximately 1050 students are now enrolled; the faculty has nearly one hundred and twenty members; college property consists of four hundred and five acres; buildings—exclusive of college-owned faculty residences and independently owned fraternities—number forty-one; endowment exceeds \$20,000,000; there are nearly 9,000 living alumni.

College buildings now include the chapel, auditorium, library, dormitories, classrooms, laboratories (in biology, chemistry, geology, and physics), natural history museum, art center, observatory, central dining hall, physical education units, theater, infirmary, music house, and maintenance group.

The Folger Shakespeare Memorial Library in Washington, D. C., and the Merrill Center for Economics at Southampton, Long Island, N. Y., are also administered by the College's Board of Trustees.

Today's students come from most of the United States: about half reside in the Middle Atlantic area, a quarter in New England, a fifth in

the Middle West, and the remainder in the rest of the country and abroad. The proportion of those who prepared for college in public and private schools is about equal. Nearly a quarter of the undergraduates receive scholarship aid from the income of funds amounting to over \$1,500,000. Unlike the College's early days when most of its students prepared for the Christian ministry, about half its recent graduates have continued their studies in graduate or professional schools and half have entered business.

Amherst's courses are confined to the liberal arts and sciences and lead only to the bachelor of arts degree; no vocational or specialized studies are offered. In 1947 a general curriculum was adopted (outlined on pages 37-40) under which all students follow a prescribed program of studies during the first two years, and "major" or take "honors" work during the last two years in "area" or departmental studies.

The College's corporate name is "The Trustees of Amherst College." Its general government is vested in this Board, eighteen in number, of whom the President and the Treasurer of the College are members *ex officio*, ten are elected by Trustee vote without limit of term, and six are elected by graduates of the College for terms of six years each. The President is charged with the general administration of the College. Subject to the Trustees' reserved authority, educational policy and rules of conduct are determined by the Faculty.

A list of the Presidents of the College, with their terms of service, follows:

REV. ZEPHANIAH SWIFT MOORE, D.D.	1821-1823
REV. HERMAN HUMPHREY, D.D.	1823-1845
REV. EDWARD HITCHCOCK, D.D., LL.D.	1845-1854
REV. WILLIAM AUGUSTUS STEARNS, D.D., LL.D.	1854-1876
REV. JULIUS HAWLEY SEELYE, D.D., LL.D.	1876-1890
MERRILL EDWARDS GATES, PH.D., LL.D., L.H.D.	1890-1899
REV. GEORGE HARRIS, D.D., LL.D.	1899-1912
ALEXANDER MEIKLEJOHN, PH.D., LL.D.	1912-1924
GEORGE DANIEL OLDS, LL.D.	1924-1927
ARTHUR STANLEY PEASE, PH.D., LL.D.	1927-1932
STANLEY KING, LL.D.	1932-1946
CHARLES WOOLSEY COLE, PH.D., L.H.D., SC.D., LITT.D., LL.D.	1946-

The Folger Shakespeare Library

By the will of the late Henry Clay Folger of the Class of 1879, there was bequeathed to the Trustees of Amherst College the Folger Shakespeare Memorial Library in Washington, D. C., together with an endowment for maintenance, later increased by the generosity of Mrs. Folger.

The building, located on East Capitol Street directly east of the Library of Congress, was erected at a cost of more than \$2,000,000. Its endowment now stands at about \$9,300,000, and its collections are valued at over \$2,670,000. On the Library's main floor are: an Exhibition Gallery with displays of rare books, manuscripts, paintings, and miscellaneous curios and works of art; an Auditorium in the form of a reproduction of the interior of an Elizabethan playhouse; a large Reading Room, representing a Tudor Banqueting Hall and hung with early tapestries; four Vaults, containing the rarest portions of the collections; a Reception Room for social purposes; and Administration Offices. On the second floor are: Private Studies for the use of visiting scholars; the Cataloguing and Bibliographical Room; the Photographic Laboratory; and a Wardrobe for theatrical costumes. On the third floor are stored the art collections and other museum material.

The Library concentrated its original collection largely upon the life, writings, and influence of William Shakespeare, but during the past two decades it has increased its rare books and manuscripts in related fields until today it has one of the largest collections in the world for the study of English history of the sixteenth and seventeenth centuries. Only the British Museum has a larger collection of early English books.

Under the plan of the Trustees of the College, in addition to maintaining its traditional interest in Shakespeare and English Renaissance literature, the Library will exploit other fields as well. Efforts will be made to expand it as an efficient laboratory of research and investigation. Aid and encouragement will be given literary and historical scholars capable of making the most significant use of the Library's great collection of source materials. It is further intended that the Library will develop the reference collections which scholars require for the efficient utilization of rare books and manuscripts.

Research facilities of the Library are not open to casual visitors, but permission to use them may be obtained by qualified scholars upon application to the Director. Interested individuals and groups are cordially invited to visit the FOLGER's public rooms.

FOLGER LIBRARY OFFICERS

LOUIS BOOKER WRIGHT, PH.D., LITT.D.	<i>Director</i>
JAMES GILMER McMANAWAY, PH.D.	<i>Consultant in Bibliographical Research</i>
GILES EDWIN DAWSON, PH.D.	<i>Curator of Books and Manuscripts</i>
EDWIN ELIOTT WILLOUGHBY, PH.D., LITT.D.	<i>Chief Bibliographer</i>
PAUL SHANER DUNKIN, B.S.L.S., PH.D.	<i>Head Cataloguer</i>

TRUSTEE COMMITTEE

EUSTACE SELIGMAN, LL.B., <i>Chairman</i>
CHARLES WOOLSEY COLE, PH.D., SC.D., L.H.D., LITT.D., LL.D., <i>ex officio</i>
ARTHUR FAIRBANKS ELLS, LL.D., <i>ex officio</i>
JULIUS SEELYE BIXLER, PH.D., D.D., L.H.D., LL.D., D.C.L.
WILLS TAYLOR ENGLE
FREDERICK SAYWARD FALES, B.A.
FRANCIS TAYLOR PEARSONS PLIMPTON, LL.B.
WILLARD LONG THORP, LL.D.
PAUL DYESS WEATHERS, M.B.A.

The Merrill Center for Economics

In December 1951 Amherst College received as a gift from Charles E. Merrill, an alumnus of the class of 1908, his estate in Southampton, Long Island, N. Y., known as "The Orchard," for the purpose of establishing a center for the examination and discussion of contemporary economic problems. Mr. Merrill is a founding partner of the brokerage firm Merrill Lynch, Pierce, Fenner and Beane. Each summer informal but intensive consideration is given to some basic economic problem by a group of men of demonstrated achievement and ability in the particular field being studied. Participants are drawn largely from education, business, and government both from this country and abroad.

Normally such experts lack the opportunity to exchange views or to reach an understanding of one another's problems. The Merrill Center enables them to come together for an extended period of time and to discuss ideas freely and openly within the major issues being examined.

During its first session in the summer of 1953, approximately fifty economists considered such problems of world trade as commercial policy, currency convertibility, and foreign investment.

"The Orchard" consists of a tract of sixteen acres on which are a large central house and several subsidiary buildings. The main house and annex can comfortably lodge more than thirty guests. A specialized library has been established, supplemented each summer with books from the Amherst College Library.

The Merrill Center is administered by the Trustees of Amherst College. Dr. Willard L. Thorp, an alumnus of Amherst in the class of 1920 and former Assistant Secretary of State for Economic Affairs, is director of the Center. Dr. Thorp is also Professor of Economics on the Amherst faculty.

TRUSTEE COMMITTEE

WINTHROP HIRAM SMITH, B.A., *Chairman*

WILLS TAYLOR ENGLE

FRANCIS TAYLOR PEARSONS PLIMPTON, LL.B.

RICHARDSON PRATT, B.A.

EUSTACE SELIGMAN, LL.B.

WILLARD LONG THORP, LL.D.

PAUL DYESS WEATHERS, M.B.A.

I

General Information

Admission

GENERAL STATEMENT

Admission to Amherst College is competitive. The College attempts to select for admission those applicants who seem best qualified to benefit from the opportunities offered by an Amherst education. The Committee on Admission, in judging the qualifications of applicants, pays particular attention to (1) academic performance in high school or independent school, (2) results of the College Entrance Examination Board Scholastic Aptitude and Achievement Tests, (3) the recommendation of the high school principal or headmaster, (4) evidence of a willingness to work, (5) the character, health, and extra curricular interests and achievements of the applicant. All freshmen admitted are candidates for the Bachelor of Arts degree.

HOW AND WHEN TO APPLY FOR ADMISSION

Correspondence regarding admission to the freshman class should be addressed to the Director of Admission, Amherst College, Amherst, Massachusetts. Each applicant for admission to the freshman class must file a formal application with the Director of Admission, preferably before March 1 of the year in which he expects to be admitted. Under certain circumstances, later applications will be considered. The formal application should be accompanied by a check or money order for \$5.00 made payable to *The Trustees of Amherst College*. This application fee will not be refunded if the student withdraws his application or if his application is not acted upon favorably.

A preliminary application may be filed at any time prior to the applicant's senior year. Once this preliminary application has been filed and acknowledged, the College assumes the responsibility of forwarding all formal application forms at the proper time. No priority is given to early applications.

Entering students are admitted only at the beginning of the regular college year in September.

INTERVIEW HOURS—ADMISSION OFFICE

The Admission Office is open on weekdays from 8:30 a.m. until 12:30 p.m. and 1:30 p.m. until 4:00 p.m. and on Saturdays from 8:30 a.m. until

12:30 p.m., but from June 24, until Labor Day, the Admission Office (and all administrative offices) will be closed on Saturdays.

RECOMMENDED PREPARATION

The following minimum program of studies is recommended for students planning to enter Amherst College:

English	4 years
Mathematics	3 years
Foreign Language	2 years or, if possible, 3 years of one
History	1 year
Laboratory Science	1 year

It should be noted that the College stresses sound preparation in certain subjects which are important implements for the many branches of college work. English, mathematics, and foreign language (ancient or modern or both) are the subjects in which entering students should show proficiency.

Students with particular interests may wish to modify the suggested program by taking more work in certain subjects and less in others. Such modification is wholly acceptable, provided there is evidence of adequate preparation in the basic fields of English, mathematics, and foreign language. Any deviation should be discussed in advance with the Director of Admission.

Students who are planning careers in medicine, engineering or the scientific professions should include in their secondary school programs at least two years of French or German, trigonometry, physics, and chemistry. Students thinking of engineering should also include a course in solid geometry.

SCHOLASTIC APTITUDE AND ACHIEVEMENT TESTS

All applicants for admission to the freshman class at Amherst are required to take certain tests given by the College Entrance Examination Board. Information on these tests may be obtained by writing the Amherst Admission Office.

The College Entrance Examination Board Tests are given several times a year. Applicants who are in their final year of preparatory work are expected to take the tests given in March of each year. Applications for these examinations must be filed with the College Entrance Examination

Board, Post Office Box 592, Princeton, New Jersey, at least a month prior to the date of the examination.

Information about these tests, location of examination centers, fees, etc., may be obtained by writing the College Entrance Examination Board, Box 592, Princeton, New Jersey.

REGENTS EXAMINATIONS

Applicants from the New York State public schools are expected to submit scores made on the Regents Examination in addition to the Scholastic Aptitude and Achievement Tests given by the College Entrance Examination Board.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

Correspondence concerning admission of transfers should be addressed to C. Scott Porter, Dean.

To be eligible for transfer the candidate must meet the following requirements:

1. His credits must satisfy the full entrance requirements of Amherst College.
2. He must have completed creditably the work of at least one year in an institution of collegiate rank, and his general average at the institution he is leaving must correspond to or be better than the Amherst diploma average of seventy per cent.
3. He must present a statement of honorable dismissal.

Candidates for admission by transfer are admitted in September only.

Candidates should note that, in general, only students with a "B" average or better will be accepted for admission as transfers, and should further note that not more than ten transfers will be admitted to Amherst in September of 1954.

SPECIAL BOOKLET

A descriptive booklet entitled *This Is Amherst* may be had upon application to the *Director of Admission*.

COOPERATIVE ENGINEERING-SCIENCE PROGRAM WITH MASSACHUSETTS INSTITUTE OF TECHNOLOGY

In order to facilitate the combination of a liberal arts course with education in science and engineering, Amherst College has entered into a

cooperative arrangement with the Massachusetts Institute of Technology. Under this arrangement, and by properly planning his studies, a student of high standing may pursue a combined five years' program in which the first three years are spent at Amherst College and the last two at the Institute, leading to the degree of Bachelor of Arts from the College and to that of Bachelor of Science from the Institute upon completion of the combined course.

Administration

TERMS AND VACATIONS

The college year 1953-1954 includes two regular semesters of sixteen weeks each. In the fall semester there is a Thanksgiving recess of approximately five days, and a Christmas vacation of two weeks; and in the spring semester, a vacation of two weeks.

ATTENDANCE AT COLLEGE EXERCISES

The officer in general charge of matters concerning attendance at college exercises is the Associate Dean of the College.

Students are expected to attend promptly all classes and other prescribed exercises in the courses in which they are registered. Absences for certain recognized reasons are normally excused, and a reasonable number of unexcused absences is provided to cover other situations. These unexcused absences are intended primarily for use in minor emergencies and should be used with discretion.

Any student not on the Dean's List who takes more than the allowed number of unexcused absences from any class for any reason whatever is warned once by the Dean that he has taken an excessive number of absences. If he is absent again after such a warning, his credit in the course may be reduced or he may be dropped from the course.

All official college vacations and holidays are announced on the College Calendar appearing on page 5 of this catalogue.

Morning chapel services are conducted Monday, Tuesday, Thursday and Friday mornings. All students are required to attend one-half of the chapel services each week.

STUDENT DISCIPLINE

The officer in general charge of student discipline and conduct is the Dean of the College.

Conduct befitting a gentleman is expected at all times of students at Amherst College. It is assumed that undergraduates will understand what constitutes gentlemanly conduct without specific regulations forbidding particular actions.

The College reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable, and without assigning any further reason therefor; in such cases fees will not be refunded or remitted, in whole or in part, and neither the College nor any of its officers shall be under any liability whatsoever for such exclusion.

RECORDS AND REPORTS

The officer in charge of records and reports is the Recorder of the College.

Reports of standing are sent to parents or guardians at the end of each term. Rank in each subject is reported as follows:

A, 90-100%; B, 80-89%; C, 70-79%; D, 60-69%; E, 50-59%; F, below 50%. The passing grade in each individual course is 60%, and an average grade of at least 70% is required for a degree.

ROOMS AND BOARD

All students, unless specifically excused by the Dean, are required to live either in the dormitories of the College or in fraternity houses. Dormitory rooms are equipped with bed, mattress, pillow, chiffonier, desk, chairs, and bookcase or shelves. Occupants furnish their own blankets, linen, and towels, and may provide extra furnishings if they wish, such as rugs, curtains, lamps, etc. Room assignments are noted on the invoice from the Comptroller's Office.

All students are required to eat in Valentine Hall unless excused by the Dean. There are no rebates for absence from meals for any reason.

HEALTH AND PHYSICAL DEVELOPMENT

The officer having general supervision of student health and physical development is the College Physician.

The College Physician and his associates hold consulting hours twice daily at the Student Health Office in the Gymnasium. They keep themselves acquainted with the health of the students and provide for their proper treatment if ill. Every student is given a physical examination soon after his arrival and is advised as to his health and physical efficiency. No student will be admitted to Amherst College who has not been successfully vaccinated or who is unwilling to submit to such vaccination by the College Physician within three months after admission.

The College maintains an infirmary under the direction of the College Physician and has a consulting staff comprising surgeons, internists, and various specialists who are called by the College Physician in cases of serious illness.

A Health Fee of \$15 per semester is charged to all students. This entitles the student to medical and nursing care at the College Infirmary, as well as hospitalization in Northampton or Springfield, and the services of consultants when recommended by the College Physician, up to a maximum of \$500.00 for any one student in a college year. The College limits its responsibility to illnesses occurring while college is in session, including the expenses of medical treatment and hospitalization due to accidents on the athletic field or in connection with the ordinary and

general procedures of the College. In the case of injuries from accidents of motor vehicles, trains, or airplanes either in traveling to or from Amherst or while resident in Amherst, the College's responsibility for medical and hospital expenses is limited to the services of the College Physician, the services of the Health Office, and care in the College Infirmary for a period not exceeding ten days. In such cases the College will not accept responsibility for medical or surgical bills of consultants, special nursing, or hospitalization in outside hospitals. The cost of prescription medication, glasses, and routine dentistry is not covered by the Health Fee.

Students or their parents are, of course, free to select consultants, surgeons, or hospitals of their own choice, but in such cases the fees of the physicians, surgeons, nurses, hospitalization, and incidental fees are not paid by the College.

In the cases of students who have served in the armed forces of the United States, the College's responsibility is limited to illnesses and accidents of a nature covered by its responsibilities to its regular civilian students. Expenses for illnesses arising in whole or in part from previous service in the armed forces are not covered. The decisions of the College Physician as to what expenses will be met by the College shall be final.

A student is entitled to no further health service after withdrawal or dismissal from college.

Parents are notified by mail of all infirmary admissions unless the illness is thought of sufficient severity to warrant direct communication by telephone. In emergencies requiring immediate surgery, when parents cannot be consulted in advance, the President will assume responsibility for the authorization of operation.

Students who are unable to attend classes because of illness are required to go to the infirmary unless living with their families in Amherst or vicinity. Sick excuses are given only for such time as is spent either in the infirmary or, if living with their families, under a physician's care.

The College Infirmary, built in 1938, is located on the campus, is of fireproof construction, and is designed in accordance with the best modern practice. It has a normal capacity of nineteen beds, and an emergency capacity of forty beds. It contains a lounge room with a selected library and two solaria for convalescing students, an operating room for minor surgical cases, a laboratory, and an isolation ward for the treatment of infectious diseases.

OCCUPATIONAL GUIDANCE

In liberal arts colleges such as Amherst, where few studies are of direct occupational significance, it is natural that many undergraduates find their most perplexing problem that of making a proper choice of a life career. To help undergraduates solve this problem, the College offers an

occupational guidance program. This program assists students to (1) discover their own special interests, aptitudes, talents, and powers; (2) discover the most promising outlets for these special and individual powers; (3) become familiar with the best techniques in obtaining a job, and (4) recognize the principal adjustments needed in changing from a life on the campus to one in the business world.

The undergraduate who participates in this voluntary program will find himself better prepared to make a wise vocational choice and better equipped to face the business world.

Tuition and Fees

The officer having general supervision of the collection of Tuition and Fees is the Comptroller.

A candidate's formal application for admission should be accompanied by a \$5.00 application fee in check or money order made payable to The Trustees of Amherst College. Upon notification of admission to the College a candidate is required to return with his acceptance a non-refundable advance payment of \$100 which will be credited in full on the first term bill.

Student accounts are payable at the Office of the Comptroller. Bills will be mailed to students or to their parents approximately two weeks before the due date, the Saturday prior to the opening day of each semester. Freshmen and other new entrants should make payments on or before arrival. Advance payment by mail upon receipt of bill will be a convenience to the student and to the college.

In hardship cases, special arrangements may be made with the Comptroller *in advance* for extending payments over a short period.

Identification cards must be picked up in person at the Comptroller's Office before course cards may be obtained.

SUMMARY OF CHARGES

	<i>Each Semester</i>	<i>Total for Year</i>
Tuition	\$ 300.00	\$ 600.00
Room	112.50	225.00
Board	195.00	390.00
Health Fee	15.00	30.00
Intercollegiate Athletic Fee	14.10 *	28.20
Masquers Fee	.75	1.50
Student Activities Fee	10.80	21.60
Total	\$ 648.15	\$1296.30

** Including a Federal Admissions Tax of \$1.00 each semester.*

Each student, when he first enters or reenters college, is charged a guarantee deposit of \$25. Upon graduation or earlier termination of his course, this deposit is refunded, less any amounts then due on account of lost equipment, library fines, breakage, etc. This does not, however, relieve the student from the responsibility of paying such miscellaneous charges when incurred. Toward the end of each semester, such items not paid at their source will be referred to the Comptroller for collection, plus a penalty charge.

Each Senior is charged a degree fee of \$7 in his final semester.

For extra courses taken to remove delinquencies incurred at Amherst, there will be a charge of \$80 per semester for each four-hour course, \$60 per semester for each three-hour course, \$40 per semester for each two-hour course, and \$20 per semester for required Public Speaking and any other one-hour course. For delinquencies in Physical Education a charge of \$20 will be levied during each semester following sophomore year until the delinquency is removed.

In the case of any students who have unpaid balances due the college, earnings from any college employment may be applied to reduce their indebtedness.

The fee for the support of various activities of the student body is determined by the Student Council. This is collected by the college and turned over to the Advisor of Student Organizations for expenditure under his supervision. For the year 1953-54 the following items were voted:

	<i>First Semester</i>	<i>Second Semester</i>	<i>Total</i>
One year's subscription to the OLIO	\$3.85	\$3.90	\$7.75
One year's subscription to the AMHERST STUDENT	1.90	1.85	3.75
One year's subscription to SABRINA and CONTEXT	1.20	1.15	2.35
Student Council	.70	.75	1.45
College Band	.80	.80	1.60
Debate Council	.30	.30	.60
Radio Station WAMF	1.35	1.35	2.70
Crew	.35	.30	.65
Lacrosse	.35	.40	.75
	\$10.80	\$10.80	\$21.60

SUMMARY OF EXPENSES

Beyond the total amount billed by the college will be the student's personal expenses, membership dues in student organizations, clothing, travel, books, and miscellaneous items, all of which will vary greatly with the individual but will probably range from fifty to one hundred dollars per semester.

Scholarships and Beneficiary Aid

The officer directly in charge of the administration of scholarships and beneficiary aid is the Associate Dean of the College.

The beneficiary funds of the College aggregate over \$1,640,000. The income of these funds is distributed annually among students of high character and superior scholastic ability who need pecuniary aid.

SCHOLARSHIPS FOR THE THREE UPPER CLASSES

Applicants for scholarships, or for renewal of scholarships, from the three upper classes must file at the Associate Dean's office, on or before May 1st, an account of their income and expenditures for the preceding year, and an estimate of their income and expenditures for the following year.

As a minimum scholastic requirement, applicants for scholarships from the three upper classes must pass all of their courses of the preceding year with an average of at least seventy-five per cent. In general, awards are restricted to students who stood in the upper half of their respective classes during the previous college year.

SCHOLARSHIPS FOR INCOMING STUDENTS

More than forty scholarships are awarded annually to applicants for admission to college who are in need of financial aid and who meet in full the entrance requirements. These scholarships range from \$300 to \$1300. They are awarded for the first term in residence and entitle the recipient to a credit on the first bill for tuition. The continuation of each scholarship for the following term depends upon the student's passing all of his courses of his first term with an average of at least seventy-five per cent, and, when granted, involves a credit on the next term bill. All candidates for these scholarships must be candidates for admission and must take the Scholastic Aptitude Test and Achievement Test, given by the College Entrance Examination Board. Correspondence concerning scholarships should be addressed to the Associate Dean of the College, Amherst College, Amherst, Massachusetts. Each applicant for scholarship aid must file a formal application before March 1st. No special examinations are needed other than the College Board tests required for Admission.

SCHOLARSHIP FUNDS

Throughout the whole history of the College funds have been given or bequeathed, the incomes of which are to be used for the assistance of worthy and needy students. A few of these funds are restricted to candidates for the ministry and a few of them are restricted by other factors, such as the geographical location of the home of the applicant. In a few cases it is stipulated that the award from a particular fund shall be made

to a particularly designated student. For the most part, however, the income of these funds may be awarded as the College sees fit. Three State Scholarships of full tuition are awarded annually to qualified residents of Massachusetts.

RESIDENTS OF AMHERST

Free tuition may be granted at the discretion of The Trustees of Amherst College to applicants for admission who can satisfy in full the entrance requirements for Amherst College, who have been residents of Amherst for three years before the time of admission to college, and whose parents have also been residents of Amherst for three years. The grants of free tuition are to be continued throughout the college course, provided the students concerned satisfy the scholarship requirements of the College, conform to its regulations, and the parents of the students concerned continue to live in Amherst.

STUDENT LOAN FUND

Through the liberality of friends of the College, provision is made for loans of a limited amount to the few students in the later years of the course, at a low rate of interest, upon notes to be paid in subsequent years. In accordance with the conditions imposed by the donors of the Loan Fund, its use is limited to students in good scholastic standing whose habits of expenditure are economical. Application blanks may be obtained at the Associate Dean's office.

Degrees

MASTER OF ARTS

The Master of Arts degree is conferred upon students who have received the Bachelor of Arts degree either from Amherst College or from another college which has similar requirements for the Bachelor of Arts degree, and who have met the requirements described below. Application forms and a detailed explanation of the requirements may be obtained from the Dean.

REQUIREMENTS FOR MASTER OF ARTS DEGREE

To become a candidate for the Master of Arts degree, students are expected to have at least a B average or its equivalent in their undergraduate work. They should secure approval of proposed courses of study from the Dean, the department concerned, and the Committee of Six, not later than the June preceding the opening of the college year in which they plan to work for this degree.

Candidates are required to complete at least eight semester courses of advanced character, or the equivalent, under the direction of the department concerned, to secure grades of at least B in every course, to spend a minimum of two semesters in residence in Amherst College, to prepare a satisfactory thesis, and to pass oral and written comprehensive examinations.

BACHELOR OF ARTS

The degree Bachelor of Arts is conferred upon students of Amherst College who have satisfactorily met the requirements prescribed for that degree. The plan of studies leading to the degree Bachelor of Arts is arranged on a basis of the equivalent of an eight-semester course to be pursued by students in residence at the College.

The Bachelor of Arts degree *cum laude*, *magna cum laude* or *summa cum laude* (Degree with Honors), is awarded to students who have successfully completed an approved program of honors work with a department or group.

To other students who have satisfactorily met the requirements the degree Bachelor of Arts *rite* is awarded.

REQUIREMENTS FOR BACHELOR OF ARTS DEGREE

The degree of Bachelor of Arts is awarded to students who complete a minimum of one hundred and twenty-eight credit hours, of which at least sixty-four must be completed in the freshman and sophomore years, and

at least sixty-four in the junior and senior years; who in freshman and sophomore years complete three two-year sequence courses in natural science, social science, and English-Humanities; who in junior and senior years take at least fifteen credit hours outside the division in which they are majoring; and who complete certain prescribed work in public speaking and physical education.

Note A: A Sophomore who finds it necessary to exceed the sixty-four credit-hour minimum of the first two years in order to take an introductory course in a department in which he plans to major may, with the Dean's permission, postpone a required sophomore course to the junior year.

Note B: A portion of the fifteen credit-hour extra-divisional requirement may be waived by departmental representatives whenever they consider it justified. In such cases, students, both *rite* and honors, must submit a written statement to the representatives of the departments in which they are majoring giving the reasons why the requirement should be waived.

Note C: Classes now in college will meet the new credit-hour requirement for graduation according to the following schedules:

Students in the class of 1954 will be required to take sixty-four credit-hours during junior and senior years, or a total of one hundred and twenty-four;

Students in the class of 1955 will be required to complete sixty-two credit-hours during freshman and sophomore years and sixty-four during junior and senior years, or a total of one hundred and twenty-six.

Students in the classes of 1956 and 1957 will be required to complete sixty-four credit hours during freshman and sophomore years, and sixty-four during junior and senior years, or a total of one hundred and twenty-eight.

Candidates must have no deficiencies in the work of any year; must satisfy the language requirement in French, German, Italian, Russian, Spanish, Latin or Greek; must attain a general average of 70 percent in the courses completed at Amherst College and a grade of at least 70 percent in every course completed in another institution.

A major consists of the equivalent of thirty credit hours pursued under the direction of a department or special group. A major cannot begin later than the junior year and may begin in either the freshman or sophomore year. No year without a course in the major may intervene between its beginning and its end. Each department decides whether a freshman course in a department shall count toward its major.

The major can be met in accordance with either of two plans:

Plan A: A student may complete the thirty credit hour requirement within one department. He must complete at least twenty-two

credit hours within one department, however, in which case he may complete the remaining credit hour requirement in related fields approved by the department.

Plan B: Combinations of courses not provided for under Plan A, but similar in aim to the established group majors in American Studies and Renaissance Studies, may be made with the consent of the several departments concerned and of the Dean.

LANGUAGE REQUIREMENTS

The college language requirement may be satisfied in any of the following languages: French, German, Italian, Russian, Spanish, Latin, or Greek.

In modern languages the requirement may be met in either of the following ways:

1. At entrance, by a satisfactory score in the College Entrance Examination Board Achievement Test in the language, plus a demonstration of ability to comprehend the spoken language in an oral examination to be given to freshmen at the beginning of the college year.

2. After entrance, by passing course 5, or by passing reading and aural comprehension examinations to be given at the end of course 3.

In ancient languages the requirement may be met in either of the following ways:

1. At entrance, by a satisfactory score in the College Entrance Examination Board Achievement Test in Latin or Greek.

2. After entrance, by passing Latin 3 with a grade of C, by passing any higher numbered course in Latin, or by passing Greek 3.

DEGREE WITH HONORS

The degree Bachelor of Arts with honors is awarded at graduation to students whose academic records give evidence of particular merit. It may be awarded *cum laude*, *magna cum laude*, or *summa cum laude*, according to the level of achievement of the candidates. All degrees with honors are noted on the diploma and the Commencement program, and are announced in the annual catalog.

The award of honors is made by the Faculty of the College. In making such award the Faculty will take into account the following factors. (1) Candidates must have a minimum college average of 80 to be eligible to be considered for the degree *cum laude*, of 86 for the degree *magna cum laude*, and of 90 for the degree *summa cum laude*. (2) Candidates must receive the recommendation for the degree *cum laude*, *magna cum laude*, or *summa cum laude* from the department in which they have done their major work. Each department will define the conditions upon which it will be their

practice to make recommendations to the Faculty. (3) In the case of the award of *magna cum laude* and *summa cum laude* the Dean and the Committee of Six will review the entire record of candidates and will transmit to the Faculty their recommendations. Only students of marked distinction in both general work and in the field of honor studies will be recommended for the *summa cum laude* degree.

A student is expected to have a general average of at least eighty per cent at the time he is accepted as a candidate for honors in a department or group. However, in exceptional cases, if the department concerned approves, a student whose average is below eighty per cent may become a candidate for the degree with honors.

A candidate for a degree with honors may be permitted, at the discretion of the department in which he is majoring, to substitute in his junior year a conference course for one of his regular three- or four-hour courses, and in his senior year a conference course for one or two of his regular three- or four-hour courses.

THE AMHERST CURRICULUM 1953-1954

DIVISION I <i>The Humanities</i>	DIVISION II <i>Social Studies</i>	DIVISION III <i>Mathematics and Natural Sciences</i>
Dramatics Arts English Fine Arts French German Greek Humanities Italian Latin Music Philosophy Public Speaking Religion Spanish	American Studies Economics History Legal Studies Political Science	Astronomy Biology Chemistry Cryptography Geology Mathematics Physics Psychology Science

U. S. Air Force Reserve Officers' Training Corps

This program is optional for incoming freshmen who meet the following requirements: (1) More than 14 and less than 23 years of age at time of initial enrollment; (2) Citizen of the United States; (3) A record free from conviction by any civil court for other than a minor traffic violation; (4) Pass a physical examination which qualifies the individual for duty as a reserve officer in the United States Air Force.

The AF ROTC program is divided into basic and advanced courses of two years each, the basic being conducted during the freshman and sophomore years and the advanced during the junior and senior years. The ultimate objective of the program is to commission qualified students in the Air Force Reserve upon their graduation from Amherst.

The first year basic course consists of World Political Geography and Leadership, Drill, and Exercise of Command for a total of 90 hours. World Political Geography is presented throughout the academic year and averages two contact hours per week. The drill requirement is met through student participation for two hours per week in the first eight weeks of the first semester and the last eight weeks of the second semester. (No drill will be conducted during the winter months.)

The second year basic course consists of Air Power Concepts, Personal Maintenance, and Leadership, Drill, and Exercise of Command for a total of 90 hours. The drill requirement is met in the same manner as for the first year basic, above, and the other subjects are conducted through two regularly scheduled contact hours per week throughout the academic year.

The College allows two credits per semester for students participating in the basic courses.

With the advanced course comes another selection period when students who have completed the four semesters of basic ROTC are chosen to continue their Air Force education. Selections are made from applications of qualified students; final approval of the PAST (Professor of Air Science & Tactics) and the Dean of the College is necessary before the applicant is finally enrolled.

The new generalized curriculum for both the basic and advanced courses in AF ROTC will be introduced in 1953-54. This program will offer the same curriculum to all advanced students regardless of academic major. It will include major changes in Air Science I, II and III in its first year (1953-54) and will change the senior curriculum in 1954-55.

The advanced course involves 150 hours per academic year which includes general subjects, and a continuation of Leadership, Drill, and Exercise of Command with cadets holding higher positions of responsibility in the Amherst Corps of Cadets.

The College allows three credits per semester for students participating in the advanced courses.

All students formally enrolled in the advanced course must attend a six-weeks summer camp between their junior and senior years. The summer camp offers a realistic approach to the Air Force and gives the cadet a practical idea of what future active duty may entail.

Upon graduation from Amherst and completion of the four-year AF ROTC course including summer camp, the student who intends to fly is commissioned as a second lieutenant in the USAF Reserve. Active duty after being commissioned will depend upon the condition of world affairs at that time.

N.B.: Enrollment in either the basic or advanced courses is by individual application to the PAST, Amherst College, Amherst, Massachusetts. Freshmen will normally be contacted by mail during the spring or summer preceding their first year at Amherst.

II

Courses of Instruction

Courses of Instruction

1953-1954

a. Freshman courses are numbered 1-19; sophomore courses 21-39; and junior and senior courses 41-80.

b. In general, odd-numbered courses are given in the first semester, and even-numbered courses in the second semester; the letter "S" after a number indicates that the number of the course is an exception to the usual numbering system.

c. Honors courses are offered to eligible juniors and seniors and are numbered 69, 70 and 79, 80 respectively. Election of these courses may be made only by candidates for a degree with honors unless exception is made by the department concerned and by the Dean.

Air Science and Tactics

Lt. Colonel HEBER, Lt. Colonel HALE, Captain BESHARA, Captain GALT,
Captain HARMAN, M.Sgt. KULAS, M.Sgt. SLEMP,
T.Sgt. ROHRBAUGH, and S.Sgt. RICHARDSON

AIR SCIENCE IA

2 Credit hrs.

Introduction to AFROTC, Introduction to Aviation and Fundamentals of Global Geography. Two class hours per week. *Elective for Freshman. First Semester.*

Drill—Basic Military Training, including wearing the uniform, Military Courtesy and bearing, element drill, flight and squadron drill and mass formations. Two hours per week for the first eight weeks of the first semester. *Required of all AS I enrollees. First Semester.*

AIR SCIENCE IB

2 credit hrs.

International Tensions and Security Organizations and Instruments of National Military Security. Continuation of drill. Same class hour requirements as first semester with two hours of drill per week for the last eight weeks of the second semester. *AS IA, Required of all AS I enrollees. Second Semester.*

AIR SCIENCE IIA

2 credit hrs.

Elements of Aerial Warfare, including targets, weapons and delivery aircraft. Two class hours per week. *Required of all sophomore AFROTC enrollees who have completed AS I.*

Leadership Laboratory; Cadet Non-Commissioned Officer Training with students assuming positions of higher leadership in the cadet organi-

zation. Two hours per week for the first eight weeks of the first semester. *Required of all AS II enrollees. First Semester.*

AIR SCIENCE IIB

2 credit hrs.

Elements of Aerial Warfare including the air ocean, bases and forces and careers in the United States Air Force. Continuation of leadership laboratory. Same class hour requirements as first semester with two hours of leadership laboratory for the last eight weeks of the second semester. *Required of all AS II enrollees. Second Semester.*

AIR SCIENCE IIIA

3 credit hrs.

Introduction to Advanced AFROTC, The Air Force Commander and Staff, Problem Solving Techniques, The Communications Process and Air Force Correspondence and Military Law, Courts and Boards. Four class hours per week. Requisite: Complete AS I and AS II courses or equivalent credit (veterans and military school graduates). *Taken only by accepted applicants for Advanced AFROTC.*

Leadership Laboratory; Cadet Officer Training with students assuming top non-commissioned officer positions in the cadet organization. Duties assumed by students involving planning and supervision of corps activities. Two hours per week for the first eight weeks of the first semester. *Required of all AS III enrollees. First Semester.*

AIR SCIENCE IIIB

3 credit hrs.

Elements of Aerial Warfare including targets, weapons, aircraft, air, ocean, bases and forces and careers in the United States Air Force. Same class hour requirements as first semester. Continuation of Leadership Laboratory taken two hours per week for the last eight weeks of the second semester. Requisite: Air Science IIIA. *Required of all Advanced Course enrollees in AS III. Second Semester.*

AFROTC SUMMER ENCAMPMENT

No credit

Taken in the summer following the junior year at an active Air Force base and normally involves a six weeks period. Program includes: Individual Weapons, Familiarization Flying, Field Exercises, USAF Base Activities and Equipment. Air Base Problems, Physical Training and Drill. *Must be completed by all advanced course students subsequent to junior AS III year.*

AS IVA

3 credit hrs.

Same as AS IIIB (1953-54 academic year only) with students holding highest officer positions in Leadership Laboratory conducted two hours

per week for the first eight weeks of the first semester. Requisite: AS III and Summer Camp. *Required of all Advanced Course Enrollees in AS IV. First Semester.*

AS IVB

3 credit hrs.

Same as AS IIIA (1953-54 academic year only) with a continuation of Leadership Laboratory two hours per week for the last eight weeks of the second semester. Requisite: AS IVA. *Required of all Advanced Course Enrollees in AS IV. Second Semester.*

Note: With the introduction of an entirely new curriculum in AFROTC for the academic year 1953-54, many courses are common to AS II, AS III and AS IV enrollees. This will only be true in 1953-54 and the AS III and AS IV programs will change accordingly in 1954-55.

American Studies

Professors G. KENNEDY†, ROZWENC, TAYLOR, WARNE, WHICHER
and ZIEGLER*; Messrs. FENNO, GREENE and SANFORD.

Note: For a major in American Studies: (a) At least two semester courses must be taken from American Studies 43, 44, 45, 47, and at least two semester courses from American Studies 25, 27, 48, 53, 54, 59, 60, 61, 62, 66. (b) American Studies 79 is recommended for all majors who are doing average work or better. (c) Eight semester courses are required for the major, not including American Studies 21, 22. All of these courses may be taken from those listed in (a) and (b) above, but in special cases other courses may be counted toward the major, if approved by the Department.

Honors candidates will conform to the requirements for a major indicated above and are required to include among the eight courses counting toward their major, American Studies 79 and 80. In conjunction with American Studies 80, each candidate will write an original essay on a topic which has been approved by the Department. Early in May of his senior year he will take a comprehensive written and oral examination, the nature of which will be determined by his fields of special concentration.

21, 22. PROBLEMS IN AMERICAN CIVILIZATION. Professors KENNEDY, ROZWENC, TAYLOR, WARNE and ZIEGLER, and
Messrs. FENNO, SANFORD and GREENE.

4 credit hrs.

A study of selected problems in American civilization. This course does not provide a survey of American history, but centers attention on a limited number of topics which are treated from various viewpoints, including the political, economic, and cultural. Five lectures and one two-hour labo-

* Absent on leave 1953-54.

† Absent on leave second semester.

ratory period every two weeks. *Required for Sophomores. First and second semesters.*

25. AMERICAN CONSTITUTIONAL DEVELOPMENT.

4 credit hrs.

Professor LATHAM.

The development of American constitutional philosophy since 1787 under three general heads: the Agrarian Constitution, the Laissez-Faire Constitution, and the Welfare Constitution. Topics will include the Marshall and Taney eras, constitutional problems of slavery, the Civil War and Reconstruction, the constitutional foundations of 19th century capitalism, constitutional problems of federal and state regulation, civil liberties in the 20th century, the constitutional crisis of 1935-1937, and current problems of constitutional interpretation. Attention will be given to the judicial philosophies of the Federalist and Jacksonian judges, Field, Miller, Waite, Harlan, Holmes, Brandeis, Stone, Black, and Frankfurter. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

27. POLITICAL PARTIES. MR. FENNO.

4 credit hrs.

The role of the people, parties and pressure groups in the politics of American democracy. Special attention to: the basic features of American political parties, with European comparisons and contrasts; the work of politicians, bosses and machines; the running of election campaigns; the character and behavior of the electorate; the competition for power among business, labor, agriculture, and other major organized interests in the community. Alternates with Political Science 71. (Same course as Political Science 27.) Three hours of classroom work per week plus participation and further work in political campaigns. *Elective for Sophomores. First semester. (Omitted 1953-54.)*

43. AMERICAN LITERATURE. PROFESSOR WHICHER.

4 credit hrs.

A condensed historical survey from the eighteenth century to the present. Anthology selections from about forty authors will be read. Four hours of classroom work per week. (Same course as English 43.) *Elective for Juniors. First semester.*

44. AMERICAN LITERATURE. PROFESSOR WHICHER.

4 credit hrs.

An extensive reading in the works of three or four American authors. For 1951-52 the authors read will be Franklin, Emerson, and Melville. Four hours of classroom work per week. (Same course as English 44.) *Elective for Juniors. Second semester.*

45. AMERICAN ART. PROFESSOR C. H. MORGAN.

3 credit hrs.

American architecture, sculpture, and painting in America from the 17th century to the present day. Requisite: Fine Arts 21. (Same course

as Fine Arts 45.) Three hours of classroom work per week. *Elective for Juniors. First semester.*

47. AMERICAN PHILOSOPHY. Professor KENNEDY. *3 credit hrs.*

A study of the modern period in American thought. Reading and discussion of works by Peirce, Royce, James, Santayana, Veblen, and Dewey. Three class hours per week. (Same course as Philosophy 47.) *Elective for Juniors. First semester.*

48S. AMERICAN ECONOMIC HISTORY. Professor TAYLOR. *4 credit hrs.*

A study of the economic history of the United States with chief emphasis on the period before 1900. One two-hour seminar each week. (Same course as Economics 48S.) Prerequisite or corequisite: Economics 21. Preference will be given to students who have had History 53-54 or History 59-60. *Limited to fifteen students. Elective for Juniors. First semester.*

53. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES.

Professor ROZWENG.

4 credit hrs.

(Same course as History 53.) Four hours of classroom work per week. *Elective for Juniors. First semester. (Omitted 1953-54.)*

54. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES.

Professor ROZWENG.

4 credit hrs.

(Same course as History 54.) Four hours of classroom work per week. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

55. AMERICAN POLITICAL THEORY. Mr. FENNO.

3 credit hrs.

(Same course as Political Science 55.) *Elective for Juniors with the consent of the instructor. First semester. (Omitted 1953-54.)*

59. AMERICAN POLITICAL HISTORY. Professor ROZWENG.

4 credit hrs.

(Same course as History 59.) Four hours of classroom work per week. *Elective for Juniors. First semester.*

60. AMERICAN POLITICAL HISTORY. Professor ROZWENG.

4 credit hrs.

(Same course as History 60.) *Elective for Juniors. Second semester.*

61. AMERICAN COLONIAL HISTORY. Mr. GREENE.

4 credit hrs.

(Same course as History 61.) *Elective for Juniors. First semester.*

62. AMERICAN DIPLOMATIC HISTORY. Mr. GREENE.

3 credit hrs.

(Same course as History 62.) *Elective for Juniors. Second semester.*

66. WESTWARD EXPANSION OF AMERICA. Mr. GREENE.

3 credit hrs.

(Same course as History 66.) *Elective for Juniors. Second semester. (Omitted 1953-54.)*

79. SEMINAR IN AMERICAN CIVILIZATION.

6 credit hrs.

Professors ROZWENC and WHICHER; Mr. GREENE.

A study of selected topics in American civilization. One two-hour session weekly. Limited to fifteen students. *Elective for Seniors with the consent of the instructor. First semester.*

80. HONORS.

6 credit hrs.

Elective for Seniors. Second semester.

Astronomy

Professor GREEN; Assistant Professor LINNELL

Note: A major in astronomy will consist of Astronomy 22, 23, 24, Physics 22, Mathematics 3, Science 42, and two other courses from Division III approved by the Department of Astronomy. Combined majors in astronomy and mathematics, or astronomy and physics may be arranged in consultation with the departments concerned.

Candidates for honors in astronomy must present the following courses: Astronomy 22, 42, 79, 80, Physics 22, 51, 52, and Mathematics 23.

22. INTRODUCTION TO DESCRIPTIVE AND PHYSICAL ASTRONOMY.

Professor LINNELL.

4 credit hrs.

Physical characteristics and distributions in space of members of the solar system, stars, nebulae, and galactic systems. *Elective for Sophomores.* Four hours of classroom work per week. *Second semester.*

23. INTRODUCTION TO AIR AND SEA NAVIGATION.

4 credit hrs.

Professor GREEN

Four hours of classroom work per week. *Elective for Sophomores. First semester.*

24. NAUTICAL ASTRONOMY, CELESTIAL AND ELECTRONIC NAVIGATION

Professor GREEN

4 credit hrs.

Requisite: Astronomy 21, Astronomy 23, or consent of the instructor. Four hours of classroom work per week. *Elective for Sophomores. Second semester.*

42. ASTROPHYSICS. Professor LINNELL.

3 credit hrs.

Application of the laws of physics to stars and interstellar space. Specific topics covered will vary from year to year. In general, these will include a selection from the theory of stellar interiors, stellar atmospheres, forma-

tion and evolution of stars, and the analysis of stellar spectra. Three hours of classroom work per week.

Requisites: Physics 22 and Math 23. Additional physics courses, though not required, will be found helpful. *Second semester in alternate years. (Will be given in 1953-54.)*

79-80. CONFERENCE COURSES.

4 credit hrs.

Professor GREEN and Professor LINNELL.

The subject matter to be covered in these courses will be arranged to suit the desires of the individual students. Students planning to elect these courses should consult with the Department before the end of the first semester of the junior year. *Elective for Seniors. First and second semesters.*

Biology

Professors KIDDER†, PLOUGH, and SCHOTTE; Associate Professor WOOD‡;
Messrs. YOST, ELLIS and HEXTER

Note: A major in biology will consist of at least 24 semester hours in biology together with any 8 semester hours in chemistry. The course in Evolution of the Earth and Man (Science 23, 24) counts as 4 semester hours, and Science 22 counts as 4 semester hours of biology toward a major.

A chemistry-biology major requires 16 semester hours in each of the departments and must include Chemistry 43-44. Science 21 and Science 22 may be counted as 4 semester hours in chemistry and biology respectively, and Science 23, 24 counts as 4 semester hours in biology.

A psychology-biology major requires at least 16 semester hours in each of the departments. Science 23-24 (onesemester credit in biology) and Science 22 may be counted as 4 semester hours each in biology toward this major.

Honors work in biology is intended to offer an introduction to the purposes and methods of biological research. It is an excellent preparation for those students who wish to become professional scientists or who wish to acquire first-hand knowledge of the methods of modern science.

Candidates for the degree with honors in biology must have completed by the beginning of the senior year a minimum of 16 semester hours in biology; sophomore courses may be counted and the course in Evolution of the Earth and Man (Science 23-24) counts as 4 semester hours in biology. Honors candidates must elect Biology 79, 80 and complete by the end of senior year a minimum of 32 semester hours in biology.

The work for honors in biology consists of two main activities: (a) participation in a general and in a specialized seminar course in which the candidate reports on papers from current scientific periodicals; (b) an original investigation under the direction of some member of the staff.

† On leave first semester 1953-54.

‡ On leave second semester 1953-54.

In May of his senior year the candidate writes a comprehensive examination on the whole field of biology. He also writes a thesis presenting the results of his research and defends his findings orally before the whole Department.

Recommendations for the various grades of honors will be made on the basis of the comprehensive examination, the value of the original investigation and its defense.

22. Same Course as Science 22. 4 credit hrs.

23, 24. Same Course as Science 23, 24. 4 credit hrs.

25S. GENERAL ZOOLOGY. Mr. ELLIS. 4 credit hrs.

Morphology, classification and general physiology of animals, chiefly invertebrates. Special consideration is given to such general phenomena as interrelation of animals with their environment, parasitism, reproduction, development and evolution. Three hours classroom and four hours laboratory or field work per week. *Elective for Sophomores. Second semester.*

28. GENERAL BOTANY. Mr. YOST. 4 credit hrs.

The structure, physiology and reproduction of plants. Botanical history, ecological adaptation. Three hours classroom and four hours laboratory work or field work per week. *Elective for Sophomores. Second semester.*

41. COMPARATIVE ANATOMY. Professor WOOD. 4 credit hrs.

A study of the anatomy of vertebrates and a review of vertebrate evolution. Three hours classroom and four hours laboratory work per week. Requisite: One semester of biology. *Elective for Juniors. First semester.*

42. EMBRYOLOGY. Professor SCHOTTE. 4 credit hrs.

A description of developmental processes in the vertebrates, with an introduction to the physiology of development. Four hours classroom and two hours laboratory work per week. Requisite: One semester of biology. *Elective for Juniors. Second semester.*

43. GENETICS. Mr. HEXTER. 4 credit hrs.

The general principles and techniques of heredity, and their bearings on reproduction and the determination of sex. Breeding experiments in the laboratory. Three hours classroom and four hours laboratory work per week. Requisite: One semester of biology. *Elective for Juniors. First semester.*

44. CYTOLOGY. Mr. YOST. 3 credit hrs.

A study of the structure of living organisms with special reference to the nucleus. Cell division is examined in detail, as are the structure and function of the chromosome. The relation of chromosomes to evolution, to sex determination and to cytogenetics. Three lectures and four hours laboratory work per week. *Elective for Juniors. Second semester. (Alternate years with Biology 52. Omitted 1953-54.)*

45. HISTOLOGY AND MICROSCOPICAL TECHNIQUE.

4 credit hrs.

Professor SCHOTTÉ

A study of cells, tissues and organs of both invertebrates and vertebrates. The preparation of slides is included in the laboratory. Three hours classroom and four hours laboratory work per week. Requisite: One semester in biology. *Elective for Juniors. First semester. (Alternate years with Biology 47. Omitted 1953-54.)*

47. EXPERIMENTAL MORPHOLOGY. Professor SCHOTTÉ.

4 credit hrs.

An experimental analysis of the problems of differentiation of form and structure, including the physiology of embryonic development and studies on regeneration. Three hours classroom and four hours laboratory per week. Requisite: One semester in Biology. *Elective for Juniors. First semester. (Alternate years with Biology 45.)*

51. BIOCHEMISTRY. Professor KIDDER.

4 credit hrs.

A study of the fundamental chemical processes of living matter. Three hours classroom and four hours laboratory work per week. Requisite: One semester of biology and organic chemistry (which may be taken concurrently). *Elective for Juniors. First semester. (Omitted 1953-54.)*

52. CELLULAR PHYSIOLOGY. Mr. YOST.

4 credit hrs.

A study of cellular function in relation to structure, with special emphasis on membranes and enzymes. Three hours classroom and four hours laboratory work per week. *Elective for Juniors. First semester.*

54. BACTERIOLOGY. Professor PLOUGH.

4 credit hrs.

A study of the bacteria, yeasts and molds, their physiological activities and genetic relationships. Three hours classroom and four hours laboratory work per week. Requisite: Two semesters in biology and one course in chemistry. *Elective for Juniors. First semester.*

56. EVOLUTION OF THE VERTEBRATES. Professor WOOD.

4 credit hrs.

The evolution of the vertebrates as shown by the study of fossils; and the relationship of environment to evolution. Three hours classroom and four hours laboratory work per week. (Same course as Geology 56.) Requisite: Biology 41. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

59. RECENT DEVELOPMENTS IN BIOLOGY. The Staff.

2 credit hrs.

Lectures on important trends and achievements in any of the major fields in biology. The subjects vary from year to year. They are chosen because of their general interest or because of their interrelations with other fields of study. Two lectures per week without laboratory work. No requisite. (Not counted toward the major in Biology.) *Elective for Juniors. First semester.*

79, 80. SEMINAR IN BIOLOGY. The Staff.

6 credit hrs.

The classwork consists of oral summaries and reports on problems of current biological interest. In addition, each student will carry on an individual investigation under some member of the staff. The course is designed for honor candidates, but is open to other advanced students with the consent of the Department. Requisite: Four semester courses in biology. *Elective for Seniors. First and second semesters.*

Chemistry

Professors BEEBE and WHITNEY*; Associate Professor GRAHAME;
Messrs. APT and ROBISON

Note: A major in chemistry must include Chemistry 41, 42, 43, 44, 47, and 48.

A chemistry-biology major requires sixteen semester hours in each of the two departments, and must include Chemistry 43-44. Science 21 and Science 22 may be counted as semester courses in chemistry and biology respectively.

Candidates for the degree with honors in chemistry will attend the chemistry seminar during their junior and senior years, participating in it actively in the senior year. At this seminar, discussions of topics of current interest will be conducted by staff members and by students.

In the senior year, candidates will normally enroll in Chemistry 71 or 73, and in Chemistry 80. Individual laboratory problems will be selected by the student in conference with some member of the Department. These may be advanced types of inorganic or organic syntheses, physico-chemical experiments or analyses, or problems for original investigation. Each candidate will write a thesis based upon his reading and laboratory work. He will take a three-hour written examination and a one-week open-book problem examination. Recommendations for the various degrees of honors will be made by the department on the basis of the thesis and the comprehensive examination.

The program for the bachelor's degree with a major in chemistry, as approved by the American Chemical Society, includes Chemistry 48, 50, 71 or 73, 80, and their prerequisites, a reading knowledge of German, one or two semesters of physics beyond the Science 1-2 course, Mathematics 3 and preferably Mathematics 23 or 31-32.

21. Same Course as Science 21.

4 credit hrs.

Professors BEEBE, WHITNEY and GRAHAME; Messrs. APT and ROBISON.

24. INORGANIC AND ANALYTICAL CHEMISTRY.

4 credit hrs.

Professor BEEBE and Mr. APT.

A study of the chemistry of inorganic substances with special emphasis

* Absent on leave, second semester 1953-54

on ionic equilibria as met in qualitative analysis. Three hours classroom and four hours laboratory work per week. Requisite: Science 21. *Elective for Sophomores. Second semester.*

41. PHYSICAL CHEMISTRY. PROFESSOR GRAHAME. 4 credit hrs.

A study of the fundamentals of theoretical chemistry. Three hours classroom and four hours laboratory work per week. Requisite: Chemistry 24, and Mathematics 3. *Elective for Juniors with the consent of the instructor. First semester.*

42. PHYSICAL CHEMISTRY. PROFESSOR GRAHAME. 4 credit hrs.

A continuation of Chemistry 41. Requisite: Chemistry 41. *Elective for Juniors. Second semester.*

43. ORGANIC CHEMISTRY. PROFESSOR WHITNEY and Mr. ROBISON. 4 credit hrs.

General theory of organic chemistry, preparation of typical organic compounds, and introduction to organic qualitative analysis. The chemistry of the most important functional groups only is studied in this course. Three hours classroom and four hours laboratory work per week. Requisite: Chemistry 24. *Elective for Juniors. First semester.*

44. ORGANIC CHEMISTRY. PROFESSOR WHITNEY and Mr. ROBISON. 4 credit hrs.

A continuation of Chemistry 43. Requisite: Chemistry 43. *Elective for Juniors. Second semester.*

47. QUANTITATIVE ANALYSIS. MR. APT. 2 credit hrs.

The quantitative analysis of inorganic substances with emphasis on volumetric methods. Principles of elementary physical chemistry will be considered and applied. One hour classroom and four hours laboratory work per week. Requisite: Chemistry 24. *Elective for Juniors. First semester.*

48. QUANTITATIVE ANALYSIS. MR. APT. 2 credit hrs.

A continuation of Chemistry 47. Requisite: Chemistry 47. *Elective for Juniors. Second semester.*

50. QUANTITATIVE ANALYSIS. MR. APT. 2 credit hrs.

The quantitative analysis of inorganic substances with emphasis on gravimetric methods. One hour classroom and four hours laboratory work per week. Requisite: Chemistry 47. *Elective for Juniors. Second semester.*

71. ADVANCED PHYSICAL CHEMISTRY. PROFESSOR GRAHAME. 3 credit hrs.

A discussion of selected topics in physical chemistry from the fields of thermodynamics, quantum mechanics, and the nature of the chemical bond. Three class hours per week. Requisite: Chemistry 42. *Elective for Seniors. First semester.*

73. QUALITATIVE ORGANIC CHEMISTRY. Mr. ROBISON. *4 credit hrs.*

A continuation of the study of organic chemistry, with emphasis on the laboratory identification and characterization of organic compounds. Two hours classroom and six hours laboratory work per week. Requisite: Chemistry 44. *Elective for Seniors. First semester.*

80. HONORS COURSE. The Department. *6 credit hrs.*

Elective for honor candidates, and for others with the consent of the Department. Second semester.

Classics

Associate Professors KERN and MOORE;

Assistant Professor CLAUSEN; Mr. PARRY

Note: All courses offered by the Department which are numbered 4 or higher, except Latin 25, may be used to satisfy the sophomore humanities requirement.

All courses offered by the Department may be counted toward a major except those numbered 1 and 2. A major may be entirely in Greek or entirely in Latin and will then consist of eight semester courses, two of which may be in related fields. A major in Classics will consist of eight semester courses in the Classics, which may be divided in any proportion between Greek and Latin, except that not less than two may be taken in either language.

Honors may be awarded to those candidates who major in Greek or in Latin or in Classics and who take eight semester courses in the Department. Every honors candidate must include in his program those courses numbered 41, 42, 79 and 80 in either Greek or Latin. He must submit a long essay (6000-7000 words) on some topic connected with his honors work and approved by the Department. He must have read extensively in Greek or Latin literature or both. He must also read independently, i.e., not as a part of the work in a course, approximately 50 pages of some Greek or Latin text selected with the approval of the Department. Early in May he will be given a written examination covering: a) his honors work; b) his reading in the Classical literatures. The emphasis in this examination will be on the literary and historical interpretation of major authors; there will be considerable latitude of choice between various optional questions. The award of honors will be determined by the quality of the candidate's work in his courses, of his essay, and of his performance in the general examination.

The Department will cooperate with other departments in giving combined majors with honors.

The statement of requisites given below is intended only to indicate the degree of preparation necessary for each course, and exceptions will be made in special cases.

Greek

1. INTRODUCTION TO THE GREEK LANGUAGE. 4 credit hrs.
 Professor CLAUSEN.
 Five class meetings per week. *Elective for Freshmen. First semester.*

2. INTRODUCTION TO GREEK LITERATURE. 4 credit hrs.
 Professor KERN.
 Requisite: Greek 1 or its equivalent. Five class meetings per week.
Elective for Freshmen. Second semester.

3. THE ILIAD. Mr. PARRY. 4 credit hrs.
 Requisite: Greek 1 and 2 or their equivalent. Five class meetings per week.
Elective for Freshmen. First semester.

4. THE ODYSSEY; PLATO'S APOLOGY. Professor MOORE. 4 credit hrs.
 Requisite: Greek 3 or its equivalent. Three class meetings per week.
Elective for Freshmen; quasi seminar course, limited to twenty-five students. Second semester.

5. THE LYRIC POETS; A PLAY OF EURIPIDES. Professor MOORE. 4 credit hrs.
 Requisite: Greek 3 or its equivalent. Three class meetings per week.
Elective for Freshmen; quasi seminar course, limited to twenty-five students. First semester.

6. GREEK TRAGEDY. Mr. PARRY. 4 credit hrs.
 Requisite: Greek 3 or its equivalent. Three class meetings per week.
Elective for Freshmen; quasi seminar course, limited to twenty-five students. Second semester.

21. READINGS IN GREEK LITERATURE OF THE FIFTH CENTURY. 4 credit hrs.
 Professor MOORE.
 Requisite: Greek 5 or 6. *Elective for Sophomores; quasi seminar course, limited to twenty-five students. First semester.*

22. READINGS IN GREEK LITERATURE OF THE FIFTH CENTURY. 4 credit hrs.
 Professor CLAUSEN.
 Requisite: Greek 5 or 6. Three class meetings per week. *Elective for Sophomores; quasi seminar course, limited to twenty-five students. Second semester.*

- 41, 42. ADVANCED READINGS IN GREEK LITERATURE. 4 credit hrs.
 Professor MOORE and Mr. PARRY.

The authors read in these courses vary from year to year, the selection being made according to the interests and needs of the students. Examples: Plato's Republic and Aristotle's Ethics; Pindar, Bacchylides, and Theo-

critus; Demosthenes and Thucydides; the Greek novelists. Requisite: Greek 6. *Seminar course; elective for Juniors. First and second semesters.*

79, 80. SENIOR HONORS COURSE.

6 credit hrs.

Latin

1, 2. INTRODUCTORY COURSE. PROFESSOR KERN.

4 credit hrs.

Latin grammar; selections from Caesar's Gallic War; select orations of Cicero. Five class meetings per week. *Elective for Freshmen. First and second semesters.*

3. INTERMEDIATE COURSE. PROFESSOR KERN.

4 credit hrs.

Review of Latin grammar; selections from *Viri Romae* and Cicero's Orations. Requisite: Latin 1-2, or two or three entrance units in Latin. Five class meetings per week. *Elective for Freshmen. First semester.*

4. THE AENEID. PROFESSOR CLAUSEN.

4 credit hrs.

Requisite: Latin 3, or three entrance units in Latin. Three class meetings per week. *Elective for Freshmen; quasi seminar course, limited to twenty-five students. Second semester.*

5. CICERO'S DE SENECTUTE AND SELECTIONS FROM CATULLUS.

4 credit hrs.

Professors KERN and CLAUSEN.

Requisite: Latin 4, or four entrance units in Latin. Three class meetings per week. *Elective for Freshmen; quasi seminar course, limited to twenty-five students. First semester.*

6. HORACE'S ODES, SELECTIONS FROM PLINY'S LETTERS, AND TERENCE'S ANDRIA.

4 credit hrs.

Professors KERN and CLAUSEN.

Requisite: Latin 4 or 5, or four entrance units in Latin. Three class meetings per week. *Elective for Freshmen; quasi seminar course, limited to twenty-five students. Second semester.*

21. PLAUTUS. PROFESSOR KERN.

3 credit hrs.

Requisite: Latin 5 or 6. Three class meetings per week. *Elective for Sophomores. First semester.*

22. THE ROMAN HISTORIANS. PROFESSOR KERN.

3 credit hrs.

Requisite: Latin 5, 6, or 21. Three class meetings per week. *Elective for Sophomores. Second semester.*

25. TYPES OF LATIN POETRY: LYRIC, PASTORAL, SATIRE.

2 credit hrs.

Professors CLAUSEN and MOORE.

Intended for students of literature who wish to acquire some knowledge

of the tradition of Latin poetry. Poems of Catullus, Horace, and Virgil will be read and interpreted from a literary point of view, and attention will be paid to similar poems in English. Students must have some knowledge of Latin and some familiarity with poetry. Two hours of classroom work per week. *Elective for Sophomores with permission of the instructor. First semester.*

41, 42. ADVANCED READINGS IN LATIN LITERATURE. 4 credit hrs.

The authors read in these courses vary from year to year, each course giving a survey of one field of Latin literature; e.g., Roman Satire, Roman Philosophy, Roman Law, Late Latin, Roman Tragedy, etc. Requisite: Latin 21 or 22. Three class meetings per week. *Elective for Juniors; seminar course. First and second semesters. (Omitted 1953-54.)*

79, 80. SENIOR HONORS COURSE. 6 credit hrs.

Cryptography

Professor HOLMES

22S. ELEMENTARY CRYPTOGRAPHY AND CRYPTANALYSIS. 3 credit hrs.
Professor HOLMES.

A study of the logical and philological principles involved in the construction and analysis of ciphers and codes. Military uses emphasized. Three class meetings per week. *Elective for Sophomores, with preference given to Juniors and Seniors. First semester.*

22. ELEMENTARY CRYPTOGRAPHY AND CRYPTANALYSIS. 3 credit hrs.
Professor HOLMES.

Same description as Cryptography 22S. Three class meetings per week. *Elective for Sophomores, with preference given to Juniors and Seniors. Second semester*

Dramatic Arts

Professor CANFIELD; Associate Professors MCGOUN and ROGERS.

Note. Majors: It should be noted that students must have the permission of the Department to major in Dramatic Arts.

Required courses: Humanities 21, 22; Dramatic Arts 43, 44, 45, 46, 48, 79, 80.

For completion of the required number of courses for the major, students may elect from the following after consultation with the Department: English 23, 24; English 25, 26; English 41; Fine Arts 23, 24; Fine Arts 41; French 18, 29, 43, 44; Music 46; Psychology 21.

Honors: The type of work required will vary in accordance with the special interest of the individual student. All candidates, however, shall be

given an examination on the history of the theater. For directing, the candidate shall prepare a detailed and complete prompt-book for a full-length play, together with an analysis and an interpretation of the play and its characters. For designing, candidates shall prepare sketches and detailed plans for a full-length play of a specific period, and a written analysis of the visual problems involved. For playwriting, the candidate shall compose a full-length play.

21. Same Course as Humanities 21. 4 credit hrs.

Prerequisite for all other courses in the Department of Dramatic Arts.

22. Same Course as Humanities 22. 4 credit hrs.

43. DRAMATIC PRODUCTION, A STUDY OF THE ARTS OF THE STAGE.

Professors CANFIELD, ROGERS, and MCGOUN. 3 credit hrs.

The artistic principles and scientific methods underlying stage production. Directing, acting, scene design, lighting, and costuming considered as instruments of dramatic interpretation. Requisite: Humanities 21. Three hours of classroom work per week. *Elective for Juniors. First semester.*

44. DRAMATIC PRODUCTION, A STUDY OF THE ARTS OF THE STAGE.

Professors CANFIELD, ROGERS, and MCGOUN. 3 credit hours.

A continuation of Dramatic Arts 43. Requisite: Dramatic Arts 43. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

45. THEATER HISTORY. Professor MCGOUN. 2 credit hrs.

A survey of the physical aspects of theatrical production from the Fifth Century B.C. to modern times. Two hours of classroom work per week. Requisite: Humanities 22. *Elective for Juniors. First semester.*

46. MODERN DRAMA. Professor CANFIELD. 3 credit hrs.

Major dramatists from Ibsen to the present. Intensive reading. Requisite: Humanities 21. Three hours of classroom work per week. *Elective for Juniors. Second semester in alternate years.*

48. BACKGROUNDS OF MODERN DRAMA. Professor CANFIELD. 3 credit hrs.

The origins and development of the drama from Aeschylus to Ibsen. Some material on the relationship between the plays and the manner of presentation. Three hours of classroom work per week. Requisite: Humanities 21. *Elective for Juniors. Second semester in alternate years. (Omitted 1953-54.)*

79. CONFERENCE COURSE. The Department. 4 credit hrs.

Elective for Seniors with the consent of the Department. First semester.

80. CONFERENCE COURSE. The Department.

4 credit hrs.

A continuation of Dramatic Arts 79. *Elective for Seniors. Second semester.*

Economics

Professors NELSON, ROSS, TAYLOR, THORP, and WARNE;
Messrs. COLLERY and JUSTER.

Note: The following courses are required for a major in Economics:

Rite Students: Economics 21, 71, and two of the following: 23, 41 or 42, 43.

Honors Students: Economics 21, 70, 79, 80, and two of the following: 23, 41 or 42, 43.

Candidates for the degree with honors in economics will determine their class programs in consultation with the Department. Each candidate must prepare as a part of Economics 79-80 a thesis on a subject approved by the Department. This thesis, together with a written and oral examination at the close of his senior year, will be the principal basis for the award of the degree with honors. The written examination will cover the major fields of economics in which the candidate has taken work. The oral examination will be a defense of the thesis before the Department.

21. AN INTRODUCTION TO ECONOMICS.

4 credit hrs.

Professor NELSON and Mr. JUSTER.

A study of the central functions and problems of an economic system, of the principles and practices of our own economy, and of other forms of economic organizations and control. One lecture and three hours of discussion each week. Prerequisite or corequisite for all other courses in economics. *Elective for Sophomores. First semester.*

21S. AN INTRODUCTION TO ECONOMICS.

4 credit hrs.

Professor NELSON and Messrs. COLLERY and JUSTER.

Same description as above. *Elective for Freshmen. Second semester.*

23S. THE AMERICAN ECONOMY.

4 credit hrs.

Professor NELSON.

An examination of the structure and operation of the economic system of the United States, with particular emphasis upon the different types of markets and industrial structures, the role and behavior of the price mechanism, the evolution of public policies, and selected current economic issues. Two lectures and two hours of discussion each week. Prerequisite: Economics 21. *Elective for Sophomores. Second semester.*

41. COMPARATIVE ECONOMIC SYSTEMS. PROFESSOR WARNE. 4 credit hrs.

A study and comparison of the principal types of economic systems with special emphasis upon the position of labor in each. Prerequisite or corequisite: Economics 21. Four lectures each week. *Elective for Sophomores. First semester.*

42. LABOR ECONOMICS. PROFESSOR WARNE. 4 credit hrs.

A survey of the position of labor in our modern economy and of the development and status of labor legislation and social security measures. Three lectures and one hour of discussion each week. Prerequisite or corequisite: Economics 21. *Elective for Sophomores. Second semester.*

43. MONEY AND BANKING. MR. COLLERY. 4 credit hrs.

A study of money and finance and their relation to the functioning of an economic system, with special emphasis on the effects of monetary and credit policy on employment, production, and prices. Two lectures and two hours of discussion each week. Prerequisite or corequisite: Economics 21. *Elective for Sophomores. First semester.*

44. PUBLIC FINANCE AND FISCAL POLICY. MR. COLLERY. 4 credit hrs.

A study of the taxing, spending, and debt policies of governmental units and their relationships to both the long-run and cyclical behavior of the economic system. Two lectures and two hours of discussion each week. Prerequisite: Economics 21. *Elective for Sophomores. Second semester.*

45. ECONOMIC STATISTICS. PROFESSOR ROSS. 4 credit hrs.

A study of the sources of quantitative economic data, with special emphasis on the application of statistical methods to economic problems. Three lectures and two hours laboratory work each week. Prerequisite: Economics 21. *Elective for Juniors; limited to twenty-five students. First semester.*

46. ACCOUNTING. PROFESSOR ROSS. 4 credit hrs.

A study of the principles of accounting as related to economic analysis. Attention will be given to the use of accounts by persons and corporations and the application of accounting techniques to the study of national wealth and income. Four hours of classroom work per week. Prerequisite: Economics 21. *Elective for Juniors; limited to twenty-five students. Second semester.*

48S. AMERICAN ECONOMIC HISTORY. 4 credit hrs.
Professors TAYLOR and NELSON.

A study of the economic history of the United States with chief emphasis on the period before 1900. One two-hour seminar each week. Prerequisite:

site or corequisite: Economics 21. Preference will be given to students who have had History 53-54 or History 59-60. *Elective for Juniors; limited to fifteen students. First semester.*

49S. HISTORY OF ECONOMIC THOUGHT. Professor TAYLOR. 4 credit hrs.

A study of the development of economic thought as reflected in the writings of a limited number of authors, chiefly British and American. Attention will be given to both the classical and the dissenting schools. The writings of such men as Smith, Ricardo, J. S. Mill, Jevons, Marshall, Raymond, Henry C. Carey, J. B. Clark, and Veblen will be studied. One two-hour seminar each week. Prerequisite: Economics 21. *Elective for Juniors; limited to fifteen students. Second semester.*

52. ECONOMIC FLUCTUATIONS. Mr. JUSTER. 4 credit hrs.

An analysis of the nature and causes of business cycles and of their economic and social effects. One two-hour seminar each week. Prerequisite: Economics 21 and Economics 43. *Elective for Seniors; limited to fifteen students. Second semester.*

53. INTERNATIONAL ECONOMIC POLICY. Professor THORP. 3 credit hrs.

An examination into the nature of commercial, monetary, investment, and other economic problems which appear when public or private interest extends across national boundary lines, and the principles and pressures which affect their solution, with particular reference to recent American experience. Four hours of classroom work per week. Prerequisite: Economics 21. *Elective for Juniors. First semester.*

54. INTERNATIONAL ECONOMIC PROBLEMS. Professor NELSON. 4 credit hrs.

Intensive treatment of three types of economic environment: (1) Economic maturity, of the Western European type; (2) Economic immaturity, combined with social maturity, as in India; (3) "Underdeveloped" countries. Particular emphasis will be placed on the relationship between the internal and external economic positions and policies of selected countries. Four hours of classroom work per week. Prerequisite: Economics 21 and 53. *Elective for Juniors; limited to fifteen students. Second semester.*

70. JUNIOR HONORS. Mr. JUSTER. 4 credit hrs.

A study of the more important analytical methods and conclusions of modern economics, with special reference to their application to economic research. Prerequisite: Economics 21. *Required of and limited to Junior Honors students. Second semester.*

71. PROBLEMS IN AMERICAN ECONOMIC POLICY. Professor WARNE. 3 credit hrs.

A study of the process of formulating and executing public economic policy in the United States, based upon an intensive examination of

selected cases. Particular emphasis will be given to the interrelationships of economic, political, philosophical, and other factors that affect public policy determination. One two-hour seminar each week. Prerequisite or corequisite: Economics 21. *Limited to and required of all Seniors majoring in Economics who are not candidates for Honors. First semester.*

79. ECONOMICS HONORS. Professor THORP and the Department. 6 credit hrs.
First Semester.

80. ECONOMICS HONORS. Professor TAYLOR and the Department. 6 credit hrs.
Second Semester.

Education

Professor G. KENNEDY*; Assistant Professor GROSE

24. DEVELOPMENTAL PSYCHOLOGY. Professor GROSE. 3 credit hrs.

A study of the development of the most important aspects of behavior from birth to old age. The typical course of development and the factors which influence development are considered concurrently. Major emphasis is placed on problems of development in childhood and adolescence. Three class meetings per week. Requisite: Psychology 21. (Same course as Psychology 24.) *Elective for Sophomores. Second semester.*

41. PHILOSOPHY OF EDUCATION. 3 credit hrs.

A comparative study of contemporary theories of education, in terms both of their historical origins and of current problems and controversies. (Same course as Philosophy 41. Given in alternate years.) Three hours of classroom work a week. *Elective for Juniors. First semester. (Omitted in 1953-1954.)*

42. EDUCATIONAL PSYCHOLOGY. Professor GROSE. 3 credit hrs.

A psychological analysis of the educational process. The course is designed both for the prospective teacher and those who have a general interest in the field of education. Three class meetings per week. Requisite: Psychology 21. (Same course as Psychology 42.) *Elective for Juniors. Second semester. (Omitted 1953-54.)*

43. PSYCHOLOGICAL STATISTICS. Professor GROSE. 2 credit hrs.

An introduction to statistical techniques commonly used in psychological and educational research. Requisite or corequisite: Psychology 21. (Same course as Psychology 43.) Two class meetings per week. *Elective for Juniors. First semester.*

* Absent on leave, second semester 1953-54

44. PSYCHOLOGICAL TESTS AND MEASUREMENTS.

3 credit hrs.

Professor GROSE.

An introduction to the basic principles of psychological tests and measurements used in research and in various areas of applied psychology. Attention will be given to the construction, administration, and interpretation of representative group and individual tests of intelligence, personality, aptitude, and achievement. Two class meetings and one laboratory session per week. (Same course as Psychology 44.) Requisite: Psychology 21 and 43. *Elective for Juniors. Second semester in alternate years.*

English

Professors BAIRD, McKEON, and WHICHER;

Associate Professors CRAIG* and BARBER; Assistant Professor GIBSON;

Messrs. BELLAMY, BUTLER, DEMOTT, MOYNAHAN and WAIDELICH.

Note: All English majors are required to elect English 21-22 and six other semester courses, exclusive of English 1-2, offered or approved by the English Department.

Candidates for honors in English are required to complete at least eight semester courses in English, exclusive of English 1-2, and including English 21-22, English 25-26, English 41 or 42, English 46, English 69-70, and English 79-80. Qualified candidates should in their junior year elect English 69-70, and in their senior year elect English 79-80.

1. COMPOSITION.

2 credit hrs.

Professors BAIRD (Chairman), BARBER, CRAIG, and GIBSON, and Messrs. BELLAMY, BUTLER, DEMOTT, MOYNAHAN, and WAIDELICH.

Three hours of classroom work per week. *Required for Freshmen. First semester.*

2. COMPOSITION.

2 credit hrs.

Professors BAIRD (Chairman), BARBER, CRAIG, and GIBSON, and Messrs. BELLAMY, BUTLER, DEMOTT, MOYNAHAN, and WAIDELICH.

Three hours of classroom work per week. Requisite: English 1. *Required for Freshmen. Second semester.*

21. INTRODUCTION TO LITERATURE.

3 credit hrs.

Professors BARBER, CRAIG, GIBSON, and MOORE; Messrs. BELLAMY, BUTLER, DEMOTT, MOYNAHAN and WAIDELICH.

The aim of this course is to teach critical reading of literature. The material read in any one year is limited to a small number of works of prose and poetry. Required for a major in English. Alternate course in

* Absent on leave 1953-54

Humanities Sequence. Three hours of classroom work a week. *Elective for Sophomores. First semester.*

22. INTRODUCTION TO LITERATURE. 3 credit hrs.

Professors BARBER, CRAIG, GIBSON and MOORE; Messrs. BELLAMY, BUTLER, DEMOTT, MOYNAHAN and WAIDELICH.

A continuation of English 21. Requisite: English 21. Three hours of classroom work a week *Elective for Sophomores. Second semester.*

23. ADVANCED COMPOSITION. Dr. WAIDELICH. 4 credit hrs.

A course in disciplined writing, both prose and verse. Students are expected to work independently without specific assignments. Class discussion of manuscripts and frequent conferences with the instructor. One two-hour meeting per week. *Elective for Sophomores with the consent of the instructor; limited to fifteen students. First semester.*

24. ADVANCED COMPOSITION. Professor Gibson. 4 credit hrs.

A continuation of English 23. One two-hour meeting per week. *Elective for Sophomores with the consent of the instructor; limited to fifteen students. Second semester.*

25. SHAKESPEARE. Professor BAIRD. 3 credit hrs.

A reading of all the plays. Emphasis on Shakespeare's development as dramatist and poet. Requisite: A grade of "B" in a previous English course. Alternate course in Humanities Sequence. Three hours of classroom work per week. *Elective for Sophomores. First semester.*

26. SHAKESPEARE. Professor BAIRD. 3 credit hrs.

A continuation of English 25. Requisite: English 25. Three hours of classroom work per week. *Elective for Sophomores. Second semester.*

41. THE RENAISSANCE: THE SIXTEENTH CENTURY. 4 credit hrs.

Professor BARBER.

A Study of Spenser and the major Elizabethan dramatists, and their relation to social and religious assumptions in popular and devotional literature. Three meetings per week. *Elective for Juniors; limited to twenty-five students. First semester.*

42. THE RENAISSANCE: THE SEVENTEENTH CENTURY. 4 credit hrs.

Dr. DEMOTT.

A study of the poetry of Milton and of the Metaphysical Poets in relation to some religious and philosophic assumptions of the seventeenth-century writer. Three meetings per week. *Elective for Juniors; limited to twenty-five students. Second semester.*

43. AMERICAN LITERATURE. Professor WHICHER. 4 credit hrs.

A condensed historical survey from the eighteenth century to the pres-

ent. Anthology selections from about forty authors will be read. Four hours of classroom work per week. *Elective for Juniors. First semester.*

44. AMERICAN LITERATURE. Professor WHICHER. 4 credit hrs.

An extensive reading in the works of three or four American authors. For 1953-54 the authors read will be Hawthorne, Henry James, and Faulkner. Four hours of classroom work per week. *Elective for Juniors. Second semester.*

45. THE NINETEENTH CENTURY ENGLISH NOVEL. 3 credit hrs.
Professor CRAIG.

A study of representative works, with attention both to their literary structure and their relation to social history. Three hours of classroom work per week. *Elective for Juniors. First semester. (Omitted 1953-54.)*

46. CHAUCER. Professor WHICHER. 4 credit hrs.

Chaucer's major works in the original. Four hours of classroom work per week. *Elective for Juniors, and for Sophomores who have a grade of "B" in English 1-2 and who plan to become candidates for the degree with honors in English. Second semester.*

47. READINGS IN NINETEENTH CENTURY POETRY. 3 credit hrs.
Professor GIBSON.

Reading of Romantic and Victorian poetry. Principal poets to be read in 1953-54 will be Keats, Tennyson, Hopkins, Hardy, and Yeats. Three hours of classroom work per week. *Elective for Juniors. First Semester.*

52. JOYCE AND ELIOT. Professor BARBER. 4 credit hrs.

An introduction to some modern literary methods and related cultural issues by close reading of selections from the short stories and novels of James Joyce and the poems, plays and criticism of T. S. Eliot. Four hours of classroom work per week. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

56. READINGS IN EIGHTEENTH CENTURY LITERATURE. 3 credit hrs.
Professor BAIRD.

For 1951-1952 the authors read will be Boswell, Johnson, and Gibbon. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

62. READINGS IN MODERN FICTION. Professor BAIRD. 3 credit hrs.

A study of some novels written in the twentieth century and a consideration of the novelist's position in modern society. Three hours of classroom work per week. (Offered in alternate years with English 56.) *Elective for Juniors. Second semester. (Omitted 1953-54.)*

69-70. CONFERENCE COURSE. The Department. 4 credit hrs.
Elective for Juniors.

79-80. CONFERENCE COURSE. The Department

6 credit hrs.

*Elective for Seniors.**Fine Arts*

Professor C. H. MORGAN; Associate Professor ROGERS;
Messrs. DARR and MILLER.

Note: A major in fine arts consists of six semester courses in the department, including Fine Arts 21-22 and Fine Arts 23-24, and two semester courses in allied fields. Honors in fine arts will include the foregoing with the addition of Fine Arts 79-80. Fine Arts 21 is normally the prerequisite for all advanced courses in the historical aspect of the subject except for Fine Arts 42; and Fine Arts 23-24 is normally the prerequisite for all advanced courses in the technical aspect of the field.

21. Same course as Humanities 21. 4 credit hrs.

22. Same course as Humanities 22. 4 credit hrs.

23. ELEMENTARY TECHNIQUE AND DESIGN. Professor ROGERS. 3 credit hrs.

Design, composition and line and form drawing in pencil, charcoal, crayon, pen and ink, and chalk. One lecture and two two-hour laboratory periods per week. No previous training required. *Elective for Sophomores. First semester.*

24. ELEMENTARY TECHNIQUE AND DESIGN. Professor ROGERS. 3 credit hrs.

Elementary color theory and technique of water color painting. Requisite: Fine Arts 23 or its equivalent. One lecture and two two-hour laboratory periods per week. *Elective for Sophomores. Second semester.*

41. SURVEY OF THE HISTORY OF ART. 3 credit hrs.

Professor C. H. MORGAN.

The development of the major arts from the earliest time to the present day, with a special emphasis on the manner in which they reflect the successive civilizations that produced them. Requisite: Fine Arts 21. Three hours of classroom work per week. *Elective for Juniors. First semester. (Omitted 1953-54.)*

42. FOUR GREEK SITES. Professor C. H. MORGAN. 3 credit hrs.

A study of Athens, Corinth, Delphi and Olympia with especial reference to their development and their contribution to the art and culture of classical civilization. Three hours of classroom work per week. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

43. EUROPEAN ART OF THE EIGHTEENTH AND NINETEENTH CENTURIES.

Mr. MILLER.

3 credit hrs.

Background of European art before the French Revolution and its

development during the following one hundred years. Requisite: Fine Arts 21. Three hours of classroom work per week. *Elective for Juniors. First semester. (Omitted in 1953-54.)*

44. STUDIES IN MODERN ART. Mr. DARR. 3 credit hrs.

A study of Rivera, Orozco, and other contemporary Mexican painters with particular consideration of the background which produced their art and their relationship to other modern movements. Requisite: Fine Arts 21. Three hours of classroom work per week. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

45. AMERICAN ART. Professor C. H. MORGAN. 3 credit hrs.

American architecture, sculpture and painting in America from the 17th century to the present day. Requisite: Fine Arts 21. Three hours of classroom work per week. *Elective for Juniors. First semester.*

47. ADVANCED TECHNIQUE AND DESIGN. Mr. DARR. 3 credit hrs.

Intensive studio work in oil and watercolor aimed to increase the student's knowledge and control of materials and to focus his powers of communication. Occasional outside reading. Requisite: Fine Arts 23-24 or its equivalent. *Elective for Juniors. First semester.*

48. ADVANCED TECHNIQUE AND DESIGN. Mr. DARR. 3 credit hrs.

A continuation of Fine Arts 47. Requisite: Fine Arts 47. *Elective for Juniors. Second semester.*

49S. MICHELANGELO. Professor C. H. MORGAN. 1 credit hr.

A study of the artist, his works and his background. One lecture a week and reading. *Elective for Juniors. Second semester.*

50. RENAISSANCE ART. Mr. MILLER. 3 credit hrs.

A progressive and comparative study of European art, north and south, from the 15th through the 17th centuries, with an emphasis upon the greater names in the cycle. Requisite: Fine Arts 21. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

51. SURVEY OF EUROPEAN ARCHITECTURE. Mr. MILLER. 3 credit hrs.

A study of the development of architectural styles from the Early Christian period to modern times in Europe. Requisite: Fine Arts 21. Three hours of classroom work per week. *Elective for Juniors. First semester.*

52. MEDIAEVAL ART. Mr. MILLER. 3 credit hrs.

A study of characteristic monuments from the Romanesque and Gothic periods in European history. Requisite: Fine Arts 21. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

53. DESIGN FUNDAMENTALS. Mr. DARR. 3 credit hrs.

A series of exercises in various materials to illuminate the nature of

visual experience and the principles of its organization into meaningful expression. Six hours of studio work per week. *Elective for Juniors. First semester.*

79, 80. SPECIAL STUDIES FOR STUDENTS MAJORING IN FINE ARTS.

4 credit hrs.

French

Professors ATKINSON, FRENCH, FUNNELL, and TURGEON; Mr. STOKES; and Assistants

Note: Major with Honors. The honors major consists primarily in a program of extensive reading in the major authors of the last four centuries, and is intended also to provide a general knowledge of the development of French literature since the end of the Middle Ages. Candidates will normally take courses numbered 7 or 8, 10, 43, 44, 45, 46, 79, 80. All course elections must be made in consultation with a representative of the Department, and the course program may be adjusted in special cases. No thesis is required, but the work of courses 79 and 80 will include several written papers. At the end of the final semester each candidate will take two three-hour examinations, one consisting mainly of essay questions (to one of which the answer must be written in French), the other involving critical interpretation of text. Recommendations for the various grades of the degree with honors will be made on the basis of (1) the honors examinations, (2) the student's work in courses 79 and 80, (3) his general average in all his work in the Department.

Major for students not candidates for the degree with honors. The major must include thirty credit hours, not counting those of courses 1 and 3. Six of these credits may be in approved courses outside the Department.

Combined major in two languages. For a student whose primary language is French, the major must include twenty credit hours in French, not counting courses 1, 3, 5; in the second language it must include ten credit hours of which at least three must deal with literature.

Requirements for Sophomores in Humanities. The following courses are approved as satisfying the Humanities requirement in sophomore year: Any course or combination of courses giving four credit hours numbered above 5, except French 10, 21 and 22.

1. ELEMENTARY COURSE.

4 credit hrs.

Professor TURGEON and Assistants

Grammar, pronunciation, oral practice. Three hours per week for explanation and demonstration, four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

3. INTERMEDIATE COURSE.

4 credit hrs.

Professor FRENCH and Mr. STOKES and Assistants.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. Three hours per week for explanation and demonstration, three hours per week in small sections for drill in aural comprehension of the language. *Elective for Freshmen. First semester.*

3S. INTERMEDIATE COURSE. Professor TURGEON and Assistants. 4 credit hrs.

Same description as above. *Elective for Freshmen. Second semester.*

5. ADVANCED COURSE.

4 credit hrs.

Professor TURGEON and Mr. STOKES and Assistants

The purpose of this course is to complete the student's training in fluent reading and in oral comprehension. Reading of significant fiction and plays from the modern period. Three hours per week in class and three hours per week in small sections for oral and aural drill. For those whose linguistic preparation is sufficient, there will be a special section in which more stress will be put on the reading as literature. Conducted as far as possible in French. *Elective for Freshmen. First semester.*

5S. ADVANCED COURSE. Mr. STOKES and Assistants.

4 credit hrs.

Same description as above. *Elective for Freshmen. Second semester.*

7. INTRODUCTION TO FRENCH LITERATURE BEFORE THE REVOLUTION.

Professor FUNNELL.

4 credit hrs.

Reading and discussion of selected texts. This course will be conducted as far as possible in French. Requisite: Satisfaction of the language requirement. Four hours of classroom work per week. *Elective for Freshmen. First semester.*

8. INTRODUCTION TO FRENCH LITERATURE SINCE THE REVOLUTION.

Professor FUNNELL.

4 credit hrs.

Reading and discussion of selected texts. This course will be conducted as far as possible in French. Requisite: Satisfaction of the language requirement. Four hours of classroom work per week. *Elective for Freshmen. Second semester.*

10. ADVANCED COMPOSITION AND CONVERSATION.

4 credit hrs.

Professor TURGEON and Assistants.

Practice in free composition and in set translation into French; oral reports on selected topics. This course is designed primarily for those who wish to perfect their command of French for further study or for teaching the language. Three hours per week of composition and two hours per week of conversation. Requisite: Satisfaction of the language requirement. *Elective for Freshmen. Second semester.*

17. READINGS IN THE FRENCH NOVEL.

3 credit hrs.

The reading will include at least one novel each by Balzac, Stendhal and Flaubert, with others, as time permits, chosen from the eighteenth and later nineteenth centuries. Requisite: French 7 or 8. Three hours of classroom work per week. *Elective for Sophomores. First semester. (Omitted 1953-54; to be given in 1954-55.)*

18. FRENCH DRAMA OF THE 18TH AND 19TH CENTURIES.

3 credit hrs.

Professor TURGEON.

The reading will include plays by Lesage, Marivaux and Beaumarchais, followed by a number of representative plays of the nineteenth century. Requisite: French 7 or 8. Three hours of classroom work per week. *Elective for Sophomores. Second semester.*

21, 22. READING COURSE. MR. STOKES.

4 credit hrs.

A year course open to those who have already satisfied their language requirement in another language and who desire a reading knowledge of French. Four hours of classroom work per week. *Elective for Sophomores. First and second semesters.*

25S. FRENCH LYRIC POETRY. PROFESSOR FUNNELL.

2 credit hrs.

Medieval lyrics; poems by François Villon, Ronsard, du Bellay and Chénier; the chief Romantic and Parnassian poets of the nineteenth century. Requisite: French 7 or 8. Two hours of classroom work per week. *Elective for Sophomores. Second semester.*

27S. READINGS IN THE TWENTIETH CENTURY NOVEL.

3 credit hrs.

Mr. STOKES.

Readings from the novels of such authors as Colette, Romain, Mauriac, Malraux, Sartre and others, but excluding Gide and Proust. Requisite: French 7 or 8. Two hours of classroom work per week. *Elective for Sophomores; limited to fifteen students. Second semester.*

29. FRENCH DRAMA SINCE 1890. PROFESSOR TURGEON.

3 credit hrs.

A survey of the principal trends in the modern theater with extensive readings from such authors as Rostand, Mirbeau, Brieux, Claudel, Pagnol, Romain, Giraudoux, Anouilh, and Sartre. Requisite: French 7 or 8. Two hours of classroom work per week. *Elective for Sophomores; limited to fifteen students. First semester in alternate years.*

41. SPECIAL TOPICS IN FRENCH LITERATURE.

1-3 credit hrs.

THE DEPARTMENT.

In this course a student will work individually with one member of the department on an approved subject. In general authors dealt with in other advanced courses in French will not be approved for work in

this course. Some possible subjects are medieval literature, Rabelais, Montaigne, Pascal, Diderot; others may be discussed. The amount of credit to be given for the work will be settled in consultation between the student and the department. Requisite: French 7 or 8, and consultation with, and the approval of, the department. *Elective for Juniors. First semester.*

42. SPECIAL TOPICS IN FRENCH LITERATURE.

1-3 credit hrs.

The DEPARTMENT.

Description and requisites as for course 41. *Elective for Juniors. Second semester.*

43. FRENCH CLASSIC TRAGEDY—CORNEILLE AND RACINE.

4 credit hrs.

Professor TURGEON.

A study will be made of the history of the French theater in the seventeenth century and of the development and theory of classic tragedy, with detailed analysis of the principal tragedies of Corneille and Racine. Requisite: French 7 or 8. Three hours of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores; limited to twenty-five students. First semester. (Omitted 1953-54.)*

44. FRENCH CLASSIC COMEDY—MOLIÈRE. Professor TURGEON. 4 credit hrs.

A detailed study of the principal comedies of Molière, and of the comic spirit as exemplified in LaFontaine and Boileau. Requisite: French 7 or 8. Three hours of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores; limited to twenty-five students. Second semester. (Omitted 1953-54.)*

45. VOLTAIRE. Professor ATKINSON.

4 credit hrs.

Voltaire and some of his contemporaries of 1715-1750. Requisite: French 7 or 8. Three hours of classroom work per a week. *Elective for Juniors and, with the consent of the instructor, for Sophomores; limited to twenty-five students. First semester in alternate years.*

46. ROUSSEAU. Professor ATKINSON.

4 credit hrs.

Rousseau and some of his contemporaries of 1750-1789. Requisite: French 7 or 8. Three hours of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores; limited to twenty-five students. Second semester in alternate years.*

48. POETRY SINCE BAUDELAIRE. Professor FUNNELL.

2 credit hrs.

Baudelaire, the Symbolists, the principal poets of the twentieth century. Requisite: French 7 or 8. Two hours of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores. Second semester. (Omitted 1953-54.)*

51. ANDRÉ GIDE. PROFESSOR FUNNELL.

1 credit hr.

Requisite: French 7 or 8. One hour of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores. First semester. (Omitted 1953-54.)*

53. MARCEL PROUST PROFESSOR FUNNELL.

1 credit hr.

Requisite: French 7 or 8. One hour of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores. First semester.*

79. CONFERENCE COURSE FOR SENIORS.

4 credit hrs.

First semester.

80. CONFERENCE COURSE FOR SENIORS.

4 credit hrs.

Second semester.

Geology

Professor BAIN; Associate Professor WOOD*;
Assistant Professors PARTRIDGE and SAGE

Note: A major in geology consists of three courses in related subjects approved by the Department and five courses in geology, including Geology 21-22, Geology 79 or 80, and one of the following to complete a sequence: Geology 44, 45, 46, 49, or 56. Science 21-22 or Science 23-24 are considered as courses in related subjects provided the work was completed with a grade of 80; the third related course will be in that field of biology, chemistry or physics advantageous to satisfactory progress in Geology 79-80.

A student may declare his intention to major in geology at any time up to the end of his sixth semester. At that time he must arrange to complete a sequence that will enable him to present an original thesis based on work in conjunction with Geology 79-80.

Attention of students, intending to proceed to graduate school, is drawn to the requirement by most institutions that an applicant take the graduate record examination and that the candidate for an advanced degree have a reading knowledge of French and German. A thorough knowledge of Geology 21-22, 23-24 will afford coverage for 85% of the graduate record examination; the first three semesters should be completed with a grade of B before applying to take this test.

21. PRINCIPLES OF GEOLOGY.

4 credit hrs.

Professors BAIN and SAGE.

An introductory study of processes modifying the surface form and internal structure of the earth, the historical development of the science,

* On leave, second semester 1953-54.

and the historical evolution of land areas and life. Four hours classroom and two hours laboratory work per week. Laboratory will be held in the field when weather permits. Requisite for all courses in the department except Mineralogy. *Elective for Sophomores. First semester.*

22. HISTORICAL GEOLOGY. Professor SAGE. 4 credit hrs.

The history of the development of the continents, the succession of plants and animals, and the evolution of life during the geologic past. Three hours classroom and four hours laboratory work per week. Requisite: Geology 21. *Elective for Sophomores. Second semester.*

23. MINERALOGY. Professor BAIN. 4 credit hrs.

A study of recognition, formation, occurrence, and use of crystals and minerals, and an introduction to the nature of crystalline matter. Three hours classroom and four hours laboratory work per week. *Elective for Sophomores. First semester.*

24. PETROLOGY. Professor BAIN. 4 credit hrs.

A study of the natural history of rocks and their identification. Three hours classroom and four hours laboratory work per week. Requisite: Geology 23. *Elective for Sophomores. Second semester.*

26. REGIONAL GEOLOGY AND GEOGRAPHY. Professor BAIN. 4 credit hrs.

A study of the development of the principal features in scenery, the rocks, the structure of the continents. The resources and the capacity to support a population are introduced as topics for individual investigation. Offered in alternate years. Four hours classroom and two hours laboratory work per week. Requisite: Geology 21 or Science 23-24 with a grade of B. *Elective for Juniors. Second semester. (Omitted 1954-55.)*

44. SEDIMENTOLOGY. Professor SAGE. 4 credit hrs.

A study of the features of modern sediments and the interpretation of sedimentary rocks. The occurrence of resources in stratified rocks, including fuels, fertilizers, and building materials. Three hours classroom and four hours laboratory work per week. Requisite: Geology 22 and 23. *Elective for Juniors. Second semester.*

45. MINERAL DEPOSITS. Professor BAIN. 4 credit hrs.

A study of the origin and distribution of bodies that contain minerals essential to modern industrial life. Three classroom hours and four laboratory hours per week. Requisite: Geology 23, 24. *Elective for Juniors. First semester.*

46. WORLD RESOURCES. Professor BAIN. 4 credit hrs.

An investigation into supplies of materials from the earth available to man and the average requirement per person for each. Land acreage,

water power, and mineral resources are studied in detail. Given in alternate years. Three hours classroom, one discussion period, and two hours laboratory work per week. Requisite: Geology 21 and either 22 or 26. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

49. INVERTEBRATE PALEONTOLOGY. Professor SAGE. 4 credit hrs.

The identification, interrelationships, occurrence, and uses of fossil invertebrate animals and plants. Three hour classroom and four hours laboratory work per week. Requisite: Geology 22. *Elective for Juniors. First semester.*

56. VERTEBRATE PALEONTOLOGY. Professor WOOD. 4 credit hrs.

The evolution of vertebrates as shown by the study of fossils, and the relationship of environment to evolution. Three hours classroom and four hours laboratory work per week. (Same course as Biology 56) Requisite: Geology 22. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

79, 80. CONFERENCE COURSE. 4 credit hrs.

Professors BAIN, PARTRIDGE, SAGE and WOOD.

Special investigation of one or more topics in mineral deposits, structural geology, stratigraphy, paleontology, or world resources. Two hours conference per week and laboratory work as required. Requisite: The background courses in the Department. *Elective for Seniors.*

German

Professor SCENNA; Assistant Professor PEPPARD; Mr. TAPP
 Assistants: Mrs. BREUSCH; Messrs. RAUSCHER and RUCKDAESCHEL.

Note: The following courses may be used to satisfy the Humanities requirement in sophomore year: German 7, 21, 22, 27, 28, 31, 32, 33.

Major for students not candidates for the degree with honors. The major must include thirty credit hours, not counting those of courses 1 and 3. Eight of these credits may be in approved courses outside the Department.

Honors: The aim of honors work in German is to offer the candidate the opportunity

- a) to explore a chosen field or fields through a more extensive program of readings than is possible in course work
- b) to organize material for himself along historical or analytical lines, usually in the form of a thesis or essay
- c) to acquire a general view of the history and development of German, either as language or literature.

The goal of this work is not necessarily to produce graduate students, unless a candidate has definitely decided upon doing graduate work. The pro-

gram of the senior year is organized on the basis of individual conferences, in which the candidate benefits from personal attention.

Each candidate will present a thesis or essay on an approved topic. It may deal critically with the work of a specific author; it may treat the development of an idea in historical form; it may be a study of some particular literary form.

Each candidate will take, early in May, a written general examination on the history of German literature, which will also include questions in his chosen field. The result of this examination together with the excellence of the thesis or essay will determine the degree of honors for which the Department will recommend the candidate.

Candidates for the degree with honors should elect German 21, 22, 27, 43, 44, 79, 80. They are urged to study one ancient or other modern foreign language.

1. ELEMENTARY COURSE. PROFESSOR PEPPARD. *4 credit hrs.*

Grammar, pronunciation, oral practice. This course will meet three hours per week for explanation and demonstration, and four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

3. INTERMEDIATE COURSE. MR. TAPP. *4 credit hrs.*

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. This course will meet three hours per week for explanation and demonstration, and three hours per week in small sections for drill in aural comprehension of the language. Assignment to this course will be made on the basis of the score in the CEEB Achievement Test. *Elective for Freshmen. First semester.*

3S. INTERMEDIATE COURSE. MR. TAPP. *4 credit hrs.*

Same description as above. Requisite: German 1, or its equivalent. *Elective for Freshman. Second semester*

5. ADVANCED COURSE. PROFESSOR SCENNA. *4 credit hrs.*

Reading and analysis of selected texts. This course will meet three hours per week for demonstration and explanation, and three hours per week in small sections for oral practice and discussion. Stress will be placed on the acquisition of aural comprehension of the language and oral drill. Conducted as far as possible in German. Requisite: A satisfactory score in the CEEB Achievement Test, or German 3, or the equivalent. *Elective for Freshmen. First semester.*

Note: Freshmen will be assigned to German 1, German 3, or German 5 on the basis of the score in the CEEB Achievement Test and previous training.

5S. ADVANCED COURSE. PROFESSOR PEPPARD. 4 credit hrs.

Same description as above. Requisite: German 3 or its equivalent. *Second semester.*

7. INTRODUCTION TO GERMAN LITERATURE. 4 credit hrs.

Professor PEPPARD.

Reading and discussion of selected literary texts. This course will be conducted as far as possible in German. Requisite: Satisfaction of the language requirement. Four hours of classroom work per week. *Elective for Freshmen. First semester.*

7S. INTRODUCTION TO GERMAN LITERATURE. 4 credit hrs.

Professor SCENNA.

Same description as above. Requisite: Satisfaction of the language requirement, including satisfaction of the requirement at the end of the first semester. *Elective for Freshmen. Second semester.*

21. FAUST. PROFESSOR SCENNA. 2 credit hrs.

Faust, Part I. Study of the Faust legend and assigned readings. Requisite: German 7 or the consent of the instructor. Two classroom meetings per week. *Elective for Sophomores. First semester.*

22. FAUST. PROFESSOR SCENNA. 2 credit hrs.

Faust, Part II. Study of the Faust legend and assigned readings. Requisite: German 21 or the consent of the instructor. Two classroom meetings per week. *Elective for Sophomores. Second semester.*

23. ADVANCED COMPOSITION AND CONVERSATION. 4 credit hrs.

Professor PEPPARD.

Practice in free composition and set translation into German; oral reports on selected topics. This course is designed primarily for those who wish to perfect their command of German for further study or for teaching the language. Offered every other year. Requisite: The consent of the instructor. *Elective for Sophomores. First semester.*

25, 26. READING COURSE. MR. TAPP. 4 credit hrs.

A year course open to those who have already satisfied their language requirement in another language and who desire a reading knowledge of German. Four hours of classroom work per week. *Elective for Sophomores. First and second semesters.*

27. THE AGE OF GOETHE. PROFESSOR SCENNA. 4 credit hrs.

A study of the development of German literature, particularly as reflected in the works of Goethe, excluding *Faust*. Selected readings in other authors of the period. Lectures, essays and assigned readings. Requi-

site: German 7 or the consent of the instructor. Four hours of classroom work per week. *Elective for Sophomores. First semester. (Omitted 1953-54.)*

28. ADVANCED READINGS IN GERMAN LITERATURE. 3 credit hrs.
Professor PEPPARD.

The content of this course will be determined each year by the instructor in charge. For 1953-54: German literature of the twentieth century, with some attention to the relation of literature to the national scene. Requisite: German 7, or consent of the instructor. Three hours of classroom work per week. *Elective for Sophomores. Second semester.*

31. RAINER MARIA RILKE. Professor PEPPARD. 1 credit hr.

A study of Rilke as a German poet and European man of letters. Lectures and discussion. Requisite: German 7 or the consent of the instructor. One hour of classroom work per week. *Elective for Sophomores. First semester. (Omitted 1953-54.)*

32. THOMAS MANN. Professor SCENNA. 1 credit hr.

The modern revolt against bourgeois society and Thomas Mann's role as defender of the humanistic citizen-ideal. Lectures and discussion. Requisite: German 7 or the consent of the instructor. One hour of classroom work per week. *Elective for Sophomores. Second semester.*

33. FRANZ KAFKA. Professor PEPPARD. 1 credit hr.

A study of Kafka and his place in European literature. Lectures and discussion. Requisite: German 7 or the consent of the instructor. One hour of classroom work per week. *Elective for Sophomores. First Semester.*

42. GERMAN LITERATURE OF THE NINETEENTH CENTURY. 4 credit hrs.
Professor SCENNA.

Major developments in German prose, poetry and drama since the age of Goethe, with some attention to the contemporary literary scene. Readings, reports and discussions. Requisite: German 21, or German 27, or the consent of the instructor. One seminar meeting per week, together with individual conferences. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

43. STUDIES IN GERMAN CULTURE I. Professor SCENNA. 4 credit hrs.

Assignment of individual problems or readings in fields of special interest. Requisite: German 22 or the consent of the instructor. *Elective for Seniors. First semester.*

44. STUDIES IN GERMAN CULTURE II. Professor SCENNA. 4 credit hrs.

Assignment of individual problems or readings in fields of special interest. Requisite: German 22, or German 43, or the consent of the instructor. *Elective for Seniors. Second semester.*

- 79-80. HONORS COURSE FOR SENIORS. The Department. 6 credit hrs.

History

Professors PACKARD, ROZWENC, SALMON, and SHERMAN;*

Associate Professor HAVIGHURST;

Messrs. GREENE, SCOTT, RUSSELL, HALSTED, and KINGDON.

Note: A major in history will consist of six semester courses in history in addition to the required sequence courses (History 1-2 and American Studies 21-22) of the freshman and sophomore years.

Candidates for honors in history must take, in addition to the social science sequences of the freshman and sophomore years, six semester courses in the Department. These courses will include the conference courses in Junior Honors and Senior Honors. Those concentrating in the American field may pursue a major in American Studies, or they may follow a program of study under the direction of the History Department. In the junior year candidates will take one written and one oral examination and in the senior year two written examinations and one oral. Emphasis is placed on individual work by the students in the presentation of seminar reports and in the writing of an honors thesis in the second semester of senior year.

History 23-24 will satisfy the Sophomore Humanities Sequence.

1. THE DEVELOPMENT OF WESTERN CIVILIZATION: A SURVEY OF EUROPEAN HISTORY AND AN INTRODUCTION TO THE SOCIAL STUDIES. *4 credit hrs.*

Professors PACKARD, SHERMAN, and HAVIGHURST; Messrs. SCOTT, RUSSELL, HALSTED, and KINGDON.

Lectures, 3 hours; section meetings, 1 hour. *Required for Freshmen. First semester.*

2. THE DEVELOPMENT OF WESTERN CIVILIZATION: A SURVEY OF EUROPEAN HISTORY AND AN INTRODUCTION TO THE SOCIAL STUDIES. *4 credit hrs.*

Professors PACKARD and HAVIGHURST; Messrs. SCOTT, RUSSELL, HALSTED, and KINGDON.

Lectures, 3 hours; section meetings, 1 hour. Requisite: History 1. *Required for Freshmen. Second semester.*

21. LATIN AMERICA. Professor SALMON. *3 credit hrs.*

The colonial history of Latin America from the period of discovery through the Wars of Independence, with a survey of Indian and Iberian backgrounds, cultural and political. Three hours of classroom work per week. *Elective for Sophomores. First semester.*

* Absent on leave, second semester 1953-54.

22. LATIN AMERICA. Professor SALMON.

3 credit hrs.

The national history of the Latin American states from Independence to the present, with attention to economic and international problems as well as national political development. Three hours of classroom work per week. *Elective for Sophomores. Second semester.*

23. CLASSICAL CIVILIZATION. Professor SHERMAN.

3 credit hrs.

A study of the civilization of Greece from Homer to Alexander and its contributions to Western Civilization in economics, law, science, literature and philosophy. Readings from Greek literature with special reference to Greek drama. Three hours of classroom work per week. *Elective for Sophomores. First semester.*

24. CLASSICAL CIVILIZATION. Professor SHERMAN.

3 credit hrs.

A study of the Hellenistic and Roman Empires and their contributions to Western Civilization in economics, politics, law, science, literature and philosophy. Readings from Greek and Latin literature. Three hours of classroom work per week. *Elective for Sophomores. Second semester. (Omitted 1953-54.)*

25. MEDIEVAL EUROPE. Professor HAVIGHURST.

3 credit hrs.

A study of institutional and intellectual developments in Europe from the end of the Roman Empire through the fifteenth century, with special attention to the medieval heritage. Three hours of classroom work per week. *Elective for Sophomores. First semester. (Omitted 1953-54.)*

26. MEDIEVAL EUROPE. Professor HAVIGHURST.

3 credit hrs.

A continuation of History 25. Requisite: History 25. Three hours of classroom work per week. *Elective for Sophomores. Second semester. (Omitted 1953-54.)*

41. RUSSIA. Professor SALMON.

3 credit hrs.

General history of Russia and the Slavs, with emphasis upon recent political and economic developments. *Elective for Juniors. First semester.*

42. RUSSIA. Professor SALMON.

3 credit hrs.

A continuation of History 41. *Elective for Juniors. Second semester.*

43. EUROPE IN THE NINETEENTH CENTURY. Mr. HALSTED.

4 credit hrs.

An analysis of European social, cultural, economic, and political developments from 1815. *Elective for Juniors. First semester.*

44. EUROPE IN THE NINETEENTH CENTURY. Mr. RUSSELL.

4 credit hrs.

A continuation of History 43. *Elective for Juniors. Second semester.*

45. THE FAR EAST. INDIA AND THE INDIES. 4 credit hrs.
 PROFESSOR PACKARD.

Four hours of classroom work per week. Both History 45 and History 46 must be completed to secure credit for History 45. *Elective for Juniors. First semester. (Omitted 1953-54.)*

46. THE FAR EAST. CHINA AND JAPAN. PROFESSOR PACKARD. 4 credit hrs.

A continuation of History 45. Four hours of classroom work per week. Both History 45 and History 46 must be completed to secure credit for History 45. Requisite: History 45. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

47. EUROPE IN THE AGE OF LOUIS XIV. 4 credit hrs.
 PROFESSOR PACKARD.

First half of a year course. Requisite: a reading knowledge of French. Four hours of classroom work per week. *Elective for Juniors. First semester.*

48. EUROPE IN THE AGE OF LOUIS XIV. 4 credit hrs.
 PROFESSOR PACKARD.

Second half of a year course. Four hours of classroom work per week. Requisite: History 47 and a reading knowledge of French. *Elective for Juniors. Second semester.*

49. TWO WORLD WARS. PROFESSOR PACKARD. 4 credit hrs.

First half of a year course. Both History 49 and History 50 must be completed to secure credit for History 49. Four hours of classroom work per week. *Elective for Juniors. First semester. (Omitted 1953-54.)*

50. TWO WORLD WARS. PROFESSOR PACKARD. 4 credit hrs.

Four hours of classroom work per week. Requisite: History 49. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

51. ENGLISH HISTORY: TUDORS AND STUARTS. 3 credit hrs.
 PROFESSOR HAVIGHURST.

Political and social history of England from 1485 to 1714. *Elective for Juniors. First semester.*

52. MODERN ENGLAND. PROFESSOR HAVIGHURST. 3 credit hrs.

Political and social history of England and the British Empire from 1714 to the present. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

53. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES. 4 credit hrs.
 PROFESSOR ROZWENC.

The development of American life from the colonial period to the present day with emphasis upon economic influences, racial contributions,

religious and educational institutions, humanitarian movements and intellectual currents. Four hours of classroom work per week. *Elective for Juniors. First semester. (Omitted 1953-54.)*

54. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES.

Professor ROZWENG.

4 credit hrs.

Four hours of classroom work per week. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

55. THE FRENCH REVOLUTION. Professor SALMON.

4 credit hrs.

Four hours of classroom work per week. *Elective for Juniors. First semester. (Omitted 1953-54.)*

56. THE AGE OF NAPOLEON. Professor SALMON.

4 credit hrs.

Four hours of classroom work per week. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

57. HISTORY OF POLITICAL THOUGHT. Professor SHERMAN.

4 credit hrs.

A study of the development of political thought in the West from the Greeks to Rousseau. (Same course as Political Science 57.) Three hours of classroom work per week. *Elective for Juniors; limited to twenty-five students. First semester.*

58. THE AGE OF THE ENLIGHTENMENT. Professor SHERMAN.

4 credit hrs.

A study of Eighteenth Century European history in the light of the leading ideas of the time with special reference to economic, political, and social thought before the French Revolution. Three hours of classroom work per week. *Elective for Juniors; limited to twenty-five students. Second semester. (Omitted 1953-54.)*

59. AMERICAN POLITICAL HISTORY. Professor ROZWENG.

4 credit hrs.

This course will deal with the attempts by historians to work out patterns of interpretation for political periods before the Civil War. Four hours of classroom work per week. *Elective for Juniors. First semester.*

60. AMERICAN POLITICAL HISTORY. Professor ROZWENG.

4 credit hrs.

The same approach as in History 59 for political history since the Civil War. Four hours of classroom work per week. *Elective for Juniors. Second semester.*

61. FOUNDATIONS OF AMERICAN CIVILIZATION. Mr. GREENE.

4 credit hrs.

An analysis of the first five generations of Americans (from early settlers through the Revolutionary generation) with emphasis upon the origins of certain fundamental themes in American history: social classes, immigration, European-American relations, frontier vs. city, science vs. religion,

and constitutional democracy. Four hours of classroom work per week. *Elective for Juniors. First semester.*

62. AMERICAN DIPLOMATIC HISTORY. MR. GREENE. 3 credit hrs.

The history of American foreign policy from the American Revolution to the present, with emphasis on the period since 1898. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

63. THE RENAISSANCE. MR. SCOTT. 4 credit hrs.

The emergence of Western Europe from feudalism in the period 1300-1500; manifestations of the Renaissance principally in the intellectual, social, economic, and artistic fields, with particular emphasis on Italy. Three hours of classroom work per week. *Elective for Juniors; limited to twenty-five students. First semester.*

64. THE REFORMATION. MR. SCOTT. 4 credit hrs.

A study of the social, economic, and political changes in the sixteenth century and their relation to intellectual and religious development. Three hours of classroom work per week. *Elective for Juniors; limited to twenty-five students. Second semester.*

66. WESTWARD EXPANSION OF AMERICA. MR. GREENE. 3 credit hrs.

Through the history of America's westward expansion from the Revolution to the twentieth century this course will attempt to define what the frontier experience has meant to Americans in their political, economic, social, and literary development. Three hours of classroom work per week. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

67S. FOUNDATIONS OF ENGLISH LAW AND THE CONSTITUTION. 4 credit hrs.
Professor HAVIGHURST.

Origins of the English Constitution; growth of Common Law; evolution of Parliament; development of Monarchy. Three hours of classroom work per week. *Elective for Juniors; limited to twenty-five students. Second semester.*

69. CONFERENCE COURSE. JUNIOR HONORS. The Department. 4 credit hrs.
Elective for Juniors. First semester.

70. CONFERENCE COURSE. JUNIOR HONORS. 4 credit hrs.
The Department.

Requisite: History 69. *Elective for Juniors. Second semester.*

79. CONFERENCE COURSE. SENIOR HONORS. 6 credit hrs.
The Department.
Elective for Seniors. First semester.

80. CONFERENCE COURSE. SENIOR HONORS. 6 credit hrs.
The Department.
Requisite: History 79. *Elective for Seniors. Second semester.*

Humanities

1. HUMANITIES.

2 credit hrs.

Professors ATKINSON, FUNNELL (chairman), MARTIN*, WHICHER, CLAUSEN, and EPSTEIN; Messrs. HALSTED, MCGILL, PARRY, RUSSELL, SANFORD and TAPP.

A reading course: fairly rapid reading both for understanding and for enjoyment. The course is intended to serve as a contribution to the student's general education, and the books are chosen to illustrate certain important stages in the development of Western culture. The reading list varies somewhat from year to year, but in general this semester is given over largely to Greek literature and to the Old Testament. The course is conducted in small sections: class discussions, short papers, occasional lectures. Two hours per week. *Required for Freshmen. First semester.*

2. HUMANITIES.

2 credit hrs.

Professors ATKINSON, FRENCH, FUNNELL (chairman), CLAUSEN, EPSTEIN and PEPPARD; Messrs. HALSTED, PARRY, RUSSELL, SANFORD, SCOTT and TAPP.

A continuation of Humanities 1. The reading list for this semester includes in general works selected from the medieval, Renaissance and modern periods. Three hours per week. *Requisite: Humanities 1. Required for Freshmen. Second semester.*

21. AN INTRODUCTION TO MUSIC, FINE ARTS, AND DRAMA.

4 credit hrs.

Professors CANFIELD, C. H. MORGAN, V. MORGAN (chairman), MCGOUN, MISHKIN, and ROGERS; Messrs. DARR, MILLER, and LUDINGTON.

A consideration of the vocabulary, methods, and materials of creative expression in music, fine arts, and drama. The conclusion of the course shows how the three arts reflect the ideals of nineteenth century impressionism. This course is normally requisite for all other courses in dramatic arts and for several courses in fine arts and in music. Three hours of classroom and one hour of laboratory work per week. *Elective for Sophomores. First semester.*

22. AN INTRODUCTION TO MUSIC, FINE ARTS, AND DRAMA.

4 credit hrs.

Professors CANFIELD, C. H. MORGAN, V. MORGAN (chairman), MCGOUN, MISHKIN, and ROGERS; Messrs. DARR, MILLER, and LUDINGTON.

A continuation of Humanities 21. The technical background acquired in Humanities 21 is used in a study of the arts in the Periclean Age, the Age of the Church, the Period of Humanism, the Nineteenth and Twentieth Centuries. Emphasis is placed on the integration of the arts and of the arts with their times. *Requisite: Humanities 21. Three hours of classroom*

* Absent on leave, second semester, 1953-54.

and one hour of laboratory work per week. *Elective for Sophomores. Second semester.*

Italian

Professor FRENCH

1. ELEMENTARY COURSE. Professor FRENCH. 4 credit hrs.

Grammar, pronunciation, oral practice. Three hours per week for explanation and demonstration, three hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

- 3S. INTERMEDIATE COURSE. Professor FRENCH. 4 credit hrs.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. Three hours per week for explanation and demonstration, two hours per week in small sections for drill in aural comprehension of the language. *Elective for Freshmen. Second semester.*

21. READINGS IN ITALIAN LITERATURE FROM BOCCACCIO TO THE PRESENT.
Professor FRENCH. 4 credit hrs.

Reading of important works with special attention to the modern period. Requisite: Italian 3. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

22. DANTE. Professor FRENCH. 4 credit hrs.

A reading of the *Inferno* and of parts of the *Purgatorio* and *Paradiso*. Special study of the social and political background of the work. Requisite: Italian 21. Special reports and papers. Given in alternate years. Three hours of classroom work per week. *Elective for Sophomores; limited to twenty-five students. Second semester.*

24. THE RENAISSANCE. Professor FRENCH. 4 credit hrs.

Origins in Boccaccio's *Decamerone* and in Petrarch's *Canzoniere*. Reading of Cellini's *Vita*, Castiglione's *Cortegiano* and Machiavelli's *Principe* with a study of the social background of the fifteenth and sixteenth centuries in Italy. Special reports and papers. Requisite: Italian 21. Three hours of classroom work per week. *Elective for Sophomores; limited to twenty-five students. Second semester. (Omitted 1953-54.)*

Legal Studies

Professors LATHAM, LOWENSTEIN and ZIEGLER;*

Associate Professor HAVIGHURST.

25. AMERICAN CONSTITUTIONAL DEVELOPMENT. 4 credit hrs.
Professor LATHAM.

The development of American constitutional philosophy since 1787 under three general heads: the Agrarian Constitution, the Laissez-Faire Constitution, and the Welfare Constitution. Topics will include the Mar-

* Absent on leave, 1953-54.

shall and Taney eras, constitutional problems of slavery, the Civil War and Reconstruction, the constitutional foundations of 19th century capitalism, constitutional problems of federal and state regulation, civil liberties in the 20th century, the constitutional crisis of 1935-1937, and current problems of constitutional interpretation. Attention will be given to the judicial philosophies of the Federalist and Jacksonian judges, Field, Miller, Waite, Harlan, Holmes, Brandeis, Hughes, Stone, Black, and Frankfurter. Four hours of classroom work per week. (Same course as Political Science 25.) *Elective for Sophomores. First semester.*

42. ADMINISTRATIVE LAW. PROFESSOR LATHAM. 4 credit hrs.

An introduction to the American system of legal control exercised by other law administering agencies than the courts, with special reference to doctrines developed by the Interstate Commerce Commission, Securities and Exchange Commission, Federal Trade Commission, and the National Labor Relations Board. The course deals with the formulation of legislative purposes and administrative policies; administrative and judicial responsibility for the enforcement of agency programs; and the nature and extent of judicial control over administrative action. (Same course as Political Science 42.) One three-hour classroom meeting a week. *Elective for Juniors; Limited to not more than 25 students with the consent of the instructor. Second semester.*

44. INTERNATIONAL LAW. PROFESSOR ZIEGLER. 4 credit hrs.

The historical basis and present trends in the development of international law will be discussed and related to the social, economic, and political aspects of present day world politics and government. (Same course as Political Science 44.) Four hours of classroom work per week. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

67S. FOUNDATIONS OF ENGLISH LAW AND THE CONSTITUTION. 4 credit hrs.
PROFESSOR HAVIGHURST.

Origins of the English Constitution; growth of Common Law; evolution of Parliament; development of Monarchy. (Same course as History 67S.) Three hours of classroom work per week. *Elective for Juniors; limited to twenty-five students. Second semester.*

73-74. INTRODUCTION TO JURISPRUDENCE. 4 credit hrs.
PROFESSOR LOEWENSTEIN.

A critical examination of the origin, concept and ends of the law; the prominent legal concepts and schools of jurisprudence, and the prevailing forms of the legislative and judicial process, including a comparative analysis of the major systems of law. The course will stress the importance of law and justice as a part of human culture. Requisite: The consent of the

instructor. (Same course as Political Science 73-74.) One three-hour seminar each week. *Elective for Seniors. (Omitted 1953-54.)*

Mathematics

Professors BROWN and SPRAGUE; Associate Professor BREUSCH*; Messrs. TOMBER and WILLCOX.

Note: A major in mathematics must elect 3, 23, 31, 32 and either 42 or 48 his senior year, beginning in 1955. All mathematics courses except 1-2 give major credit.

In addition to the general college requirements, a degree with honors is awarded on the basis of accomplishment in the courses in mathematics required for a major, in the conference course, and in any additional courses prescribed by the Department. A thesis may be required.

The content of the conference course varies from year to year. Topics that have been or may well be given are Complex Variable, Abstract Algebra, Classical Algebra, Algebraic Geometry, Differential Geometry and Topology.

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| 1. Same course as Science 1A, 1B. | 4 credit hrs. |
| 2. Same course as Science 2A, 2B. | 4 credit hrs. |
| 3. CALCULUS. Mr. WILLCOX. | 4 credit hrs. |

Continuous functions, differentiation and integration of trigonometric and logarithmic functions and their inverses, curvature, curvilinear motion, curve tracing, theorem of mean value, formal integration, infinite series, simple partial differentiation. Requisite: Science 1 or its equivalent. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

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| 3S. CALCULUS. Professor BROWN. | 4 credit hrs. |
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Same description as above. *Elective for Freshmen. Second semester.*

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| 23S. DIFFERENTIAL EQUATIONS. Mr. WILLCOX. | 4 credit hrs. |
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Treatment of ordinary differential equations with principal types of first and second order equations, linear equations with constant coefficients, simultaneous equations. Simple partial differential equations. Applications to geometry, physics and other branches of science. Requisite: Mathematics 3. Four hours of classroom work per week. *Elective for Sophomores. Second semester.*

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| 31. ADVANCED CALCULUS. Mr. TOMBER. | 4 credit hrs. |
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Brief treatment of determinants and solid analytic geometry, partial differentiation, implicit function theory, elements of vector analysis with applications. Requisite: Mathematics 3. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

* Absent on leave, second semester 1953-54.

32. ADVANCED CALCULUS. Mr. TOMBER. 4 credit hrs.

Multiple integrals, line and surface integrals, transformation of integrals, Fourier series, complex functions. Requisite: Mathematics 31. Four hours of classroom work per week. *Elective for Sophomores. Second semester.*

42. FUNCTIONS OF A COMPLEX VARIABLE. 3 credit hrs.

An introduction to analytic functions. Point sets, complex numbers, derivatives, conformal mapping, integrals, Cauchy's theorems, power series, singularities, Laurent series, analytic continuation, rational, entire, meromorphic and multiple-valued functions, Riemann surfaces. Requisite: Mathematics 31. Three hours of classroom work per week. *Elective for Juniors. Second semester, alternate years. Will be given in 1955.*

43. THEORY OF NUMBERS. Professor BREUSCH. 3 credit hrs.

An introduction to the theory of rational integers. Divisibility, prime numbers, the unique factorization theorem, congruences, quadratic residues, Fermat's theorem, Diophantine equations. Three hours of classroom work per week. *Elective for Juniors. First semester, alternate years.*

44S. MODERN MATHEMATICS. Professor BROWN. 3 credit hrs.

A few simple mathematical systems of current interest will be constructed and studied. An exercise in the postulational method. Three hours of classroom work per week. *Elective for Juniors. First semester.*

46. THEORY OF EQUATIONS. Mr. TOMBER. 3 credit hrs.

Polynomials, the division transformation, Euclid's algorithm, Horner's method, Sturm functions, solution of the cubic and quartic equations, mathematical induction, complex numbers, determinants, symmetric functions, the resultant, introduction to matrices. Requisite: Mathematics 3 or its equivalent. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

48. DIFFERENTIAL GEOMETRY. 3 credit hrs.

An introduction to the differential geometry of curves and surfaces; curvature, torsion, Frenet formulae; curvilinear coordinates, first and second fundamental form, surface curvature, lines of curvature, geodesics, fundamental equations. Requisite: Mathematics 31. Three hours of classroom work per week. *Elective for Juniors. Second semester, alternate years. Will be given in 1956.*

79. CONFERENCE COURSE. Professor SPRAGUE. 6 credit hrs.

Elective for Seniors. First semester.

80. CONFERENCE COURSE. Professor SPRAGUE. 6 credit hrs.

Elective for Seniors. Second semester.

Music

Professor V. MORGAN; Associate Professor MISHKIN; Mr. LUDINGTON

Note: There are two programs available for students majoring in music:

1. The music major which does not include applied music consists of six required semester courses and three other semester courses offered by the Department. The required courses are: Music 21-22, Music 23-24 and Music 41-42.

2. Since a minimum of four semester courses in applied music is expected, a music major which includes applied music will consist of ten rather than the usual nine semester courses. The following courses are all required: Music 21-22, Music 23-24, Music 41-42, and two years of Music 29-30.

An individual program will be arranged for each candidate for the degree with honors in music at the beginning of junior year. Concentration may be in advanced theory, music history, or applied music. All honors candidates must elect Music 79-80 and, late in the final semester of senior year, they will be required to take a comprehensive oral examination. Other examinations, essays or recitals will be arranged according to the individual's program.

21. Same course as Humanities 21. *4 credit hrs.*

22. Same course as Humanities 22. *4 credit hrs.*

23. ELEMENTARY THEORY. Professor MISHKIN. *3 credit hrs.*

A study of the rhythmic, melodic, and harmonic organization of musical tones with emphasis on the harmonic idiom of the eighteenth century. Writing in four parts; analysis; ear training; keyboard harmony. Triads and their inversions, non-harmonic tones, writing in the style of the Bach chorales. Limited to fifteen students. Requisite: Ability to play all written work. Three hours of classroom work per week. *Elective for Sophomores. First semester.*

24. ELEMENTARY THEORY. Professor MISHKIN. *3 credit hrs.*

A continuation of Music 23. Seventh chords, secondary dominants, elementary phrase construction. Limited to fifteen students. Requisite: Music 23. Three hours of classroom work per week. *Elective for Sophomores. Second semester.*

29. APPLIED MUSIC. *3 credit hrs.*

Courses are offered in the following branches of applied music: piano, organ, voice, violin, viola, violoncello. These courses may be elected by a

limited number of students who satisfy the department, at an audition, that they are prepared to undertake the study of solo music literature of artistic worth. Students will normally be expected to begin their college work in applied music as freshmen or sophomores and to continue this study for two years. During the first two years of study three credit hours will be granted for each semester. Under exceptional circumstances a student may, with the permission of the Dean, elect a third year for which there will be two credit hours per semester.

Students of keyboard and string instruments have one hour of private instruction per week and are required (a) to practice a minimum of nine hours per week, and (b) to elect in sophomore or junior year one other course offered by the department. In addition keyboard students are required to participate in a weekly session of ensemble playing, and string students to attend the weekly rehearsal of the Smith College Orchestra.

Students of voice have one hour of private instruction per week and are required (a) to practice a minimum of eight hours a week, (b) to participate in the activities of either the glee club or the choir, and (c) to elect in sophomore or junior year one other course offered by the department.

Private instruction will be given by members of the Department of Music of Smith College. A fee of \$50 per semester will be charged to cover this special type of instruction. *Elective for Sophomores and qualified Freshmen with the consent of the Department. First semester.*

30. APPLIED MUSIC.

3 credit hrs.

A continuation of Music 29. *Elective for Sophomores and qualified Freshmen with the consent of the Department. Second semester.*

41. SYMPHONIC MUSIC. PROFESSOR V. MORGAN.

3 credit hrs.

The symphony, concerto, and symphonic poem: their development from Haydn through Brahms. Requisite: Music 21 or the consent of the Department. Three hours of classroom work per week. *Elective for Juniors. First semester.*

42. MUSIC SINCE 1900. MR. LUDINGTON.

3 credit hrs.

Modern music in Europe and the United States from Debussy to Stravinsky. Requisite: Music 21 or the consent of the Department. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

44. BEETHOVEN. PROFESSOR V. MORGAN.

3 credit hrs.

A study of the piano, chamber, and orchestral music. Requisite: Music 21 or the consent of the Department. Three hours of classroom work per week. *Elective for Juniors. Second semester in alternate years. (Omitted 1953-54.)*

45. BACH. PROFESSOR MISHKIN.

3 credit hrs.

The Bach style studied in relation to the development of music from

1600. Requisite: Music 21 or the consent of the Department. Three hours of classroom work per week. *Elective for Juniors. First semester in alternate years.*

46. THE OPERA. Professor V. MORGAN.

4 credit hrs.

The development of the musical drama with emphasis on a detailed study of operatic types. Representative works by Mozart, Verdi, and Wagner. Requisite: Music 21 or the consent of the Department. Four hours of classroom work per week. *Elective for Juniors. Second semester in alternate years.*

47. CHROMATIC HARMONY AND ANALYSIS. Professor MISHKIN. 3 credit hrs.

A continuation of Music 23-24 with emphasis on the harmonic idioms of the nineteenth and twentieth centuries. Composition in the smaller forms. Requisite: Music 24. Three hours of classroom work per week. *Elective for Juniors. First semester.*

48. TONAL COUNTERPOINT. Professor MISHKIN.

3 credit hrs.

Contrapuntal technique of the eighteenth century, invertible counterpoint, canon, and two part inventions. Requisite: Music 24. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

51. MUSIC IN THE ELIZABETHAN AGE. Professor MISHKIN.

2 credit hrs.

Music in sixteenth century England and its relation to the cultural and social life of the times. No technical knowledge of music is presupposed. Two hours of classroom work per week. *Elective for Juniors. First semester in alternate years. (Omitted 1953-54.)*

53. MUSICAL LITERATURE. Professor MISHKIN.

2 credit hrs.

A study of the development of music through Beethoven. Designed for students with no previous academic work in music who are interested in developing techniques of listening. This course is not open to students who have completed or elected Music 21. Two hours of classroom work per week. *Elective for Juniors. First semester.*

54. MUSICAL LITERATURE. Professor MISHKIN.

2 credit hrs.

A continuation of Music 53. The study of the development of music from Schubert to the present day. Requisite: Music 53 or Music 21. This course is not open to students who have taken Music 22. Two hours of classroom work per week. *Elective for Juniors. Second semester.*

79. CONFERENCE COURSE. The Department.

6 credit hrs.

Studies in history or advanced theory. *Elective for qualified Seniors. First semester.*

80. CONFERENCE COURSE. The Department.

6 credit hrs.

A continuation of Music 79. *Elective for qualified Seniors. Second semester.*

Philosophy

Professors G. KENNEDY†, LAMPRECHT‡, and WIDGERY; Assistant Professor EPSTEIN.

Note: The courses open to Sophomores: Introduction to Philosophical Literature, Ethics, and Logic, may count towards a major in Philosophy. All majors in Philosophy are required to take Philosophy 43 and 44.

Candidates for the degree with honors in Philosophy are required to take the courses numbered 23, 24, 43, 44, 79, and 80, and will elect their further courses with the approval of the Department. Each candidate will write, in conjunction with the conference courses in the senior year, an original essay on a topic which has been approved by the Department. He will take, early in May of senior year, two written and one oral examinations. One written examination will be on the general history of European and American Philosophy. The other written examination will be on some field of philosophy which the candidate may select, with the approval of the Department—metaphysics and philosophy of science, logic and theory of knowledge, ethics and social philosophy, aesthetics, history and philosophy of religion. The oral examination will be a defense by the candidate of his original essay before a committee of members of the Philosophy and affiliated Departments. Recommendation for the various degrees of honors will be made by the Department on the basis of the original essay and the three examinations.

Majors and majors with honors may also be taken in the following combined fields:

Philosophy and Classics
Philosophy and English
Philosophy and History
Philosophy and Political Science
Philosophy and Psychology
Philosophy and Religion

The selection of courses to constitute such combined majors, the topic for an original essay and the arrangements for comprehensive examinations must in each case be approved by representatives of the two departments concerned. Recommendation for the various degrees with honors will be made by committees composed of members of the two departments concerned.

21. INTRODUCTION TO PHILOSOPHICAL LITERATURE.

4 credit hrs.

Professor EPSTEIN.

Training in the reading of philosophical literature. Classical and contemporary authors, chosen to exemplify the different basic types of philo-

† Absent on leave, first semester 1953-54.

‡ Absent on leave, second semester 1953-54.

sophical thought, will be discussed. This course may be taken to meet part of the sophomore requirement in connection with the Humanities. Four class hours per week. *Elective for Sophomores. First semester.*

21S. INTRODUCTION TO PHILOSOPHICAL LITERATURE. 4 credit hrs.

Professor LAMPRECHT.

Training in the reading of philosophical literature. Classical and contemporary authors, chosen to exemplify the different basic types of philosophical thought, will be discussed. This course may be taken to meet part of the sophomore requirement in connection with the Humanities. Four class hours per week. *Elective for Sophomores. Second semester.*

23. LOGIC AND SCIENTIFIC METHOD. Professor EPSTEIN. 3 credit hrs.

The basic character of scientific knowledge; the fundamental principles of inference operative in experimental inquiry; an introductory discussion of representative philosophical interpretations of the foundations of science. Material taken from the physical, biological and social sciences will be treated from the standpoint of three main topics: (1) Concept formation and formulation of hypotheses, (2) Formal logic and the deductive development of theories, (3) Statistical inference and the verification of hypotheses. (No previous training in the sciences or philosophy is presupposed.) Three class hours per week. *Elective for Sophomores. First semester.*

24. ETHICS. Professor KENNEDY. 3 credit hrs.

The social basis of morality, theory of the moral life, morals and social problems. Three class hours per week. *Elective for Sophomores. Second semester. (Omitted 1953-54.)*

26. TYPES OF LOGICAL THEORY. Professor EPSTEIN. 2 credit hrs.

A comparative study of the significance for methodology and the theory of knowledge of different types of logical system, together with a critical evaluation of the associated concepts of proof. Two class hours per week. Requisite: Philosophy 23 or consent of the instructor. *Given in alternate years. Elective for Sophomores. Second semester.*

28. ETHICS. Professor WIDGERY. 3 credit hrs.

A critical and constructive study of the fundamentals and detailed scope of morality, on the basis of a comparative survey of the ethics of ancient and modern civilizations. Three class hours per week. *Elective for Sophomores. Second semester.*

41. PHILOSOPHY OF EDUCATION. Professor KENNEDY. 3 credit hrs.

A comparative and critical study of contemporary theories of education, in terms both of their historical origins and of current problems and controversies. Three class hours per week. *Given in alternate years. Elective for Juniors. First semester. (Omitted in 1953-54.)*

43. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY. 4 credit hrs.
Professor WIDGERY.

A survey of European philosophy from the early Greeks to the end of the Middle Ages, with emphasis on Plato, Aristotle, and the formation of Christian thought. Reading and discussion of selected works of the period. Four class hours per week. *Elective for Juniors. First semester.*

44. HISTORY OF MODERN PHILOSOPHY. Professor LAMPRECHT. 4 credit hrs.

A survey of European philosophy in the seventeenth, eighteenth, and nineteenth centuries, with emphasis on Descartes, Spinoza, Locke, Hume, and Kant. Reading and discussion of selected works of the period. Four class hours per week. *Elective for Juniors. Second semester.*

45. TRAGEDY, MYTH AND RITUAL. Mr. MCGILL. 3 credit hrs.
(Same course as Religion 45.) *Elective for Juniors. First semester.*

46. PHILOSOPHY OF RELIGION. Professor WIDGERY. 3 credit hrs.
(Same course as Religion 46.) *Elective for Juniors. Second semester.*

47. AMERICAN PHILOSOPHY. Professor KENNEDY. 3 credit hrs.

A study of the modern period in American thought. Reading and discussion of works by Peirce, Royce, James, Santayana, Veblen and Dewey. Three class hours per week. *Elective for Juniors. First semester.*

71. REPRESENTATIVE PHILOSOPHERS. Professor WIDGERY. 4 credit hrs.

The work of the semester will be in the field of philosophy of history. (1) A survey of attitudes towards and conceptions of actual history from ancient times to Toynbee. (2) A systematic consideration of the factors and the meanings of history. Reynolds Lectures, open to the public. *Elective for Seniors; limited to fifteen students. First semester.*

72. REPRESENTATIVE PHILOSOPHERS. Professor EPSTEIN. 4 credit hrs.

A critical study of not more than three recent philosophers concerned with the foundations of science. Requisite: A grade of B in two semester courses in philosophy. Two class hours per week. *Elective for Seniors; limited to fifteen students. Second semester.*

74. METAPHYSICS. Professor LAMPRECHT. 1 credit hr.

A systematic treatment of fundamental concepts for a theory of nature. This treatment will not be made for historical purposes but will presuppose knowledge of the major figures in the history of ideas. One lecture a week, discussion, and occasional essays. Requisite: Three semesters of philosophy, including Philosophy 43 and Philosophy 44, or the consent of the instructor. One class hour per week. *Elective for Seniors. Second semester.*

79. CONFERENCE COURSE. The Department. 4-8 credit hrs.

Required of candidates for honors in philosophy. *Elective for Seniors. First semester. (Minimum of 6 credit hours for honors candidates.)*

80. CONFERENCE COURSE. The Department. 4-8 credit hrs.

Required of candidates for honors in philosophy. *Elective for Seniors. Second semester. (Minimum of 6 credit hours for honors candidates.)*

Physical Education

Professors ECKLEY, LUMLEY, and MARSH; Associate Professors McLAUGHRY, RICHARDSON, ROSTAS and WILSON; Assistant Professors DUNBAR and McCABE; Messrs. GOWEN, SMITH, and VAN PETERSILGE.

Complete physical examination, physical fitness tests, special exercises for remedial defects, and a program of instruction and participation in team games and sports. *Required for Freshmen and Sophomores and men who have not met the department standards in swimming, fitness, team games, and recreational sports.*

Physics

Professors ARONS and SOLLER; Assistant Professors BENSON, CROWELL, and NICOL; Mr. TOWNE

The minimum course requirements for a major in physics are as follows: Physics 22, 51, 52, 53, 54, Math 31, with additional physics courses, and either Math 23 or 32 making up the balance of the 30 hours required for any major.

A major with honors will require the first six courses listed above, plus Physics 75, 76, 79, 80.

It is practically imperative that a student who wishes to do graduate work in physics take courses Physics 51, 52, 53, and 54 in his Junior year, and Physics 75 and 76 in his Senior year, even though the latter two courses are not formally required for the major.

The aim of honors work in physics is to provide an opportunity for the student to develop his ability and interest in individual investigation, and his skill in experimental techniques. Any student who intends to do graduate work in physics should register for honors work, but the honors program is available to other qualified students as well.

The honors project consists of independent work, under faculty direction, on some experimental or theoretical problem mutually acceptable to both the student and staff. Experimental equipment is available for work in some phases of magnetism, acoustics, ultrasonics, optics, electronics, X-rays, cosmic rays, and nuclear- and low-temperature physics. The student is given facilities to review the literature in the field, to design, construct

and assemble his experimental equipment, and to make observations. During the spring, he is required to present his work in the Physics Seminar, and to prepare a thesis, which is due on May 15th.

In addition, the honors student is required to take comprehensive examinations, two written and one oral. The first written examination is given at the end of the first semester of the senior year and is designed to test his grasp of fundamental physical principles. The student's achievement on this examination, together with his progress on his honors problem, will determine the advisability of his continuing the honors program. The purpose of the second written examination, which is given during the latter part of May, is to test the student's comprehension of the basic ideas and methods of the more advanced phases of physics. The oral examination with the department is usually primarily on the thesis and allied topics.

The departmental recommendation for the various degrees of honors will be based on the student's record in the Department, the honors work, and the comprehensive examinations.

1. Same course as Science 1. *4 credit hrs.*
2. Same course as Science 2. *4 credit hrs.*
22. Same course as 22S. Second semester. *4 credit hrs.*
- 22S. INTRODUCTORY COURSE. PROFESSORS CROWELL AND NICOL. *4 credit hrs.*

A course which takes up various blocks of subject matter and essential physical concepts not covered in Science 1, 2. Required for most science majors and all pre-medical students. Mechanics, fluids, thermodynamics, electricity, optics. Emphasis on use of mathematics and solution of problems. Four hours of lectures and class discussions and one laboratory period per week. Requisite: Science 1, 2. *Elective for Sophomores. First semester.*

51. MECHANICS. PROFESSOR BENSON. *3 credit hrs.*

Newtonian dynamics and statics of particles and rigid bodies from a vector point of view. Special emphasis is placed upon a thorough treatment of periodic motion. Three hours of lectures and discussions per week. Requisite: Mathematics 31 (concurrent), Physics 22. *Elective for Juniors. First semester.*

52. WAVE PHENOMENA. MR. TOWNE and PROFESSOR BENSON. *4 credit hrs.*

General characteristics of wave motion—the wave equation, energy relationships, diffraction, interference, reflection, refraction and polariza-

tion. Each phenomenon will be discussed in the context of either optics or acoustics depending upon the relative importance of its applications in the two fields. Four hours of lectures and problems and one laboratory period per week. Requisite: Physics 51. *Elective for Juniors. Second semester.*

53. ELECTRICITY AND MAGNETISM I. Professor SOLLER. *4 credit hrs.*

Fundamentals of electrical and magnetic measurements, and fundamental direct- and alternating-current theory, including bridge methods and coupled circuits. Three hours of lectures and discussion, and one laboratory period per week. Requisite: Physics 22, Math 3, and concurrent registration in Physics 51, except by special permission of the instructor. *Elective for Juniors. First semester.*

54. ELECTRICITY AND MAGNETISM II. Professor BENSON. *3 credit hrs.*

Introduction to electromagnetic theory, employing vector methods throughout. Potential theory, electrostatics, electric currents, magnetism, induced emfs, thermoelectric phenomena, Maxwell's equations, electromagnetic waves, and Poynting's theorem. Three hours of lectures and discussions per week. Requisite: Mathematics 31, Physics 51, 53. (Physics 52 and Mathematics 32 are desirable concurrently.) *Elective for Juniors. Second Semester.*

56. ELECTRONICS. Professor SOLLER. *3 credit hrs.*

Characteristics of vacuum and gas filled thermionic tubes, and their application in a variety of circuits, with emphasis on circuits which are important in scientific work, rather than in communication. Two lectures or discussions, and one laboratory period per week. Enrollment in course limited. Requisite: Physics 53 and the consent of the instructor. *Elective for Juniors. Second semester.*

73. THEORETICAL PHYSICS. Mr. TOWNE. *4 credit hrs.*

Advanced dynamics and quantum mechanics. Lagrangian and Hamiltonian formulations of classical mechanics. Hamilton-Jacobi Theory. Solution of the Schrodinger wave-equation for simple systems, with emphasis upon interpretation of the results. Four hours of lectures or seminars per week. Requisite: Physics 51 and the consent of the instructor. *Elective for Seniors. First semester.*

75. THERMODYNAMICS. Professor ARONS. *4 credit hrs.*

Generalization of the ideas of work, heat, energy. Mathematics of thermodynamics. First and Second Laws with applications to one component systems. Thermodynamic functions as criteria of equilibrium. Interpretation of thermodynamic laws and functions in terms of the behavior of aggregations of atoms and molecules. Requisite: Physics 52, 54. *Elective for Seniors. First semester.*

76. MODERN PHYSICS. PROFESSOR CROWELL.

4 credit hrs.

The growth of modern views of space, time, matter and radiation. Special theory of relativity, structure of the atom, wave-particle duality of radiation and matter and the evolution of quantum mechanics, nuclear phenomena. The limitations of the classical theories of mechanics and electromagnetism are discussed and emphasis is placed upon the theoretical concepts and models invoked to describe and correlate the experimental observations. Requisites: Physics 52 and 54. *Elective for Seniors. Second semester.*

77. ADVANCED LABORATORY. PROFESSORS BENSON and NICOL. 2 credit hrs.

An introduction to various techniques and experiments which are basic to advanced work in experimental physics. One four hour laboratory period per week. *Elective for Senior physics majors. First semester.*

79-80. HONORS COURSE. The Department.

6 credit hrs.

Individual, independent work on some problem, usually in experimental physics. Reading, consultation and seminars, and laboratory work. Requisite: At least four semester courses in physics beyond Science 1, 2; one other course in advanced physics to be taken concurrently. *Elective for Seniors. First and second semesters.*

Political Science

PROFESSORS LATHAM, LOEWENSTEIN, SHERMAN†, and ZIEGLER*;
MR. FENNO.

Note: A major in political science consists of eight courses in political science, one of which must be 21 or 21S. Two courses may be in related subjects approved by the Department.

The honors program is designed to provide students with guidance through advanced work in political science, with full opportunity for independent research and writing. In addition to courses 21 (or 21S), 79, and 80, the Department expects that every honors candidate will have selected such courses in the following fields as will enable him to pass a written comprehensive examination thereon: American Government and Politics; Comparative Government; International Law and Relations; and Political Theory. Honors candidates will also prepare a substantial thesis based upon independent research, upon which they will be examined orally.

21. AMERICAN GOVERNMENT. MR. FENNO.

4 credit hrs.

An introduction to the major problems of American democracy; their political, economic, and social implications and their historical evolution.

* Absent on leave 1953-54.

† Absent on leave, second semester 1953-54.

Politics and administration in their relation to constitutional government, federalism, suffrage, governmental functions, etc. Required for all majors in the Department. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

21S. AMERICAN GOVERNMENT. PROFESSOR ZIEGLER. 4 credit hrs.

Same description as above. Four hours of classroom work per week. *Elective for Sophomores. Second semester. (Omitted 1953-54.)*

23. ELEMENTS OF MODERN POLITICS. PROFESSOR LOEWENSTEIN. 3 credit hrs.

A systematic introduction to the understanding of the political process in the modern world and an analysis of the interrelationship of state, government, and people in the formation and exercise of political power. Three hours of classroom work per week. *Students enrolled in this course are required to take Political Science 35 (1 credit hr.). Elective for Sophomores. First semester.*

24. PATTERNS OF GOVERNMENT. PROFESSOR LOEWENSTEIN. 4 credit hrs.

A comparative study of the functions, techniques, and institutions of political society as reflected by the different forms of states and government, with special emphasis on the theory and practice of contemporary democratic and autocratic government. Four hours of classroom work per week. *Elective for Sophomores. Second semester.*

25. AMERICAN CONSTITUTIONAL DEVELOPMENT. 4 credit hrs.
PROFESSOR LATHAM.

The development of American constitutional philosophy since 1787 under three general heads: the Agrarian Constitution, the Laissez-Faire Constitution, and the Welfare Constitution. Topics will include the Marshall and Taney eras, constitutional problems of slavery, the Civil War and Reconstruction, the constitutional foundations of 19th century capitalism, constitutional problems of federal and state regulation, civil liberties in the 20th century, the constitutional crises of 1935-1937, and current problems of constitutional interpretation. Attention will be given to the judicial philosophies of the Federalist and Jacksonian judges, Field, Miller, Waite, Harlan, Holmes, Brandeis, Stone, Black, and Frankfurter. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

27. POLITICAL PARTIES. MR. FENNO. 4 credit hrs.

The role of the people, parties and pressure groups in the politics of American democracy. Special attention to: the basic features of American Political parties, with European comparisons and contrasts; the work of politicians, bosses and machines; the running of election campaigns; the character and behavior of the electorate; the competition for power among business, labor, agriculture, and the other major organized interests in the

community. Three hours of classroom work per week plus participation and further work in political campaigns. *Elective for Sophomores. First semester. (Omitted 1953-54.)*

35. ISSUES OF INTERNATIONAL POLITICS. PROFESSOR LOEWENSTEIN. 1 credit hr.

An analysis of relevant topics and currents of contemporary international politics. The selection of the issues will be conditioned by their significance for the conflict between power politics and peaceful cooperation. Lectures and discussion. One hour of classroom work per week. *Elective for Juniors. The course may also be taken by Sophomores simultaneously enrolled in Political Science 23. First semester.*

41. THE ADMINISTRATION OF PUBLIC POLICY.

4 credit hrs.

Professor LATHAM.

An introduction to the problem of bureaucracy in modern government with attention to social factors that shape and condition administrative structures; group behavior in administrative agencies; the theory of organization in its formal and informal aspects; functions of the executive; the management of money and people; the formulation of policy; and the behavior of rival bureaucracies—private and public. Four hours of classroom work per week. *Elective for Juniors. First semester.*

42. ADMINISTRATIVE LAW. PROFESSOR LATHAM.

4 credit hrs.

An introduction to the American system of legal control exercised by other law administering agencies than the courts, with special reference to doctrines developed by the Interstate Commerce Commission, Securities and Exchange Commission, Federal Trade Commission, and the National Labor Relations Board. The course deals with the formulation of legislative purposes and administrative policies; administrative and judicial responsibility for the enforcement of agency programs; and the nature and extent of judicial control over administrative action. One three-hour classroom meeting a week. *Elective for Juniors. Limited to not more than 25 students with the consent of the instructor. Second semester.*

44. INTERNATIONAL LAW. PROFESSOR ZIEGLER.

4 credit hrs.

The historical basis and present trends in the development of international law will be discussed and related to the social, economic, and political aspects of present day world politics and government. Four hours of classroom work per week. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

45. COMPARATIVE POLITICAL INSTITUTIONS.

4 credit hrs.

Professor LOEWENSTEIN.

A pragmatic approach to the causes and manifestations of the present

world revolution, focusing on the political transformation under way in the various states and on the correlation of social structure and political organizations. Major attention will be paid to important political documents. One three-hour seminar each week. *Elective for Juniors with the consent of the instructor; limited to fifteen students with the consent of the instructor. First semester.*

46. THE ORGANIZATION OF THE INTERNATIONAL SOCIETY. 4 credit hrs.
Professor LOEWENSTEIN.

A study of the political, economic, and social forces shaping international relations and their attempted solutions through international organization, with special emphasis on the United Nations and other methods of international cooperation. The course will be geared as closely as possible to current developments on the international scene. One three-hour seminar each week. *Elective for Juniors with the consent of the instructor; limited to twenty-five students. Second semester.*

48. PROBLEMS IN PUBLIC ADMINISTRATION. Professor LATHAM. 4 credit hrs.

Selected topics in the politics of public administration. Requisite: Political Science 41. One two-hour classroom meeting a week. *Elective for Juniors with the consent of the instructor. Second semester.*

55. AMERICAN POLITICAL THEORY. Mr. FENNO. 3 credit hrs.

A survey of major ideological conflicts in American thought from colonial times to the present, with emphasis upon the evolving concept of American democracy. Special attention to democratic and anti-democratic assumptions embodied in radical, liberal, conservative, and socialist theories of state and society as they have appeared in America. Where appropriate, the relation between American and European political theory will be considered. Alternates with Political Science 27. Three hours of classroom work per week. *Elective for Juniors with the consent of the instructor. First semester. (Omitted 1953-54.)*

57. HISTORY OF POLITICAL THOUGHT. Professor SHERMAN. 4 credit hrs.

A study of political thought from the Greeks to Rousseau. (Same course as History 57.) Three hours of classroom work per week. *Elective for Juniors. Limited to twenty-five students. First semester.*

58. MODERN POLITICAL THEORY. Mr. FENNO. 4 credit hrs.

The mainstream of political thought, European and American, in the nineteenth and twentieth centuries: Liberalism, conservatism, democracy, socialism, communism, fascism, the recent controversy over economic planning and economic reconstruction for democratic survival. Four hours of classroom work per week. *Elective for Juniors. Second semester.*

71S. PUBLIC OPINION AND PROPAGANDA. PROFESSOR LATHAM. 4 credit hrs.

A study of the role and influence of public opinion and propaganda in democratic and totalitarian political systems. Topics will include the place of public opinion in political theory, propaganda warfare in international politics, party propaganda in American campaigns and elections, the activities of the opinion industries, the public relations of business, religious, farm, labor, and patriotic organizations, public opinion measurement and censorship. Four hours of classroom work per week. *Elective for Juniors. Second semester. (Omitted 1953-54.)*

73-74. INTRODUCTION TO JURISPRUDENCE.**4 credit hrs.****Professor LOEWENSTEIN.**

A critical examination of the origin, concept and ends of the law; the prominent legal concepts and schools of jurisprudence, and the prevailing forms of the legislative and judicial process, including a comparative analysis of the major systems of law. The course will stress the importance of law and justice as a part of human culture. Requisite: The consent of the instructor. One three-hour seminar each week. *Elective for Seniors. (Omitted 1953-54.)*

79-80. HONORS COURSE. The Department.**6 credit hrs.**

Elective for Seniors who have satisfied the necessary requirements. First and second semesters.

Psychology

Professor KOESTER; Associate Professor COPLIN;**Assistant Professor GROSE**

A major in psychology consists of either (1) thirty credit hours of work in psychology, or (2) a combination of twenty-two hours in psychology and eight hours in related fields.

Interdepartmental majors may be elected in psychology-biology and psychology-philosophy.

Honors work in the department consists of the following: 1) in his junior year the student prepares himself for psychological research by taking the junior honors course designed for this purpose; 2) in his senior year the student undertakes a research project and participates in a seminar designed to broaden his understanding of psychological analysis and findings. *Psychology 21 must be elected in the sophomore year by the student planning to do honors work in the department.*

21. INTRODUCTION TO PSYCHOLOGY. PROFESSOR KOESTER.**4 credit hrs.**

An analysis of human behavior and experience in terms of concepts and

general principles formulated on the basis of findings obtained by a variety of psychological methods. One of the major objectives of the course is the introduction of the student to procedures that are being used in the attempt to develop a scientific body of psychological knowledge. Emphasis will be placed upon the contributions of psychology to an understanding of those factors which significantly influence the development of human personality. Three class meetings and one additional session per week for a discussion of course material and a study of methods used in psychological analysis. *Elective for Sophomores. First semester.*

21S. INTRODUCTION TO PSYCHOLOGY. PROFESSOR KOESTER. *4 credit hrs.*
Same course as Psychology 21. *Elective for Sophomores. Second semester.*

22S. SOCIAL PSYCHOLOGY. PROFESSOR COPLIN. *3 credit hrs.*
An analysis of human behavior with emphasis upon social influences and effects. Three class meetings per week. Requisite: Psychology 21. *Elective for Juniors. First semester.*

24. DEVELOPMENTAL PSYCHOLOGY. PROFESSOR GROSE. *3 credit hrs.*
A study of the development of the most important aspects of behavior from birth to old age. The typical course of development and the factors which influence development are considered concurrently. Major emphasis is placed on problems of development in childhood and adolescence. Three class meetings per week. Requisite: Psychology 21. *Elective for Sophomores. Second semester.*

41S. ABNORMAL PSYCHOLOGY. PROFESSOR COPLIN. *3 credit hrs.*
A study of the major classes of psychological disorder, based on experimental and clinical findings. Particular attention is given to the causes and underlying mechanisms of the various abnormalities. Three class meetings per week. Requisite: Psychology 21. *Elective for Juniors, and, with the consent of the instructor, for Sophomores. Second semester.*

42. EDUCATIONAL PSYCHOLOGY. PROFESSOR GROSE. *3 credit hrs.*
A psychological analysis of the educational process. The course is designed both for the prospective teacher and those who have a general interest in the field of education. Three class meetings per week. Requisite: Psychology 21. *Elective for Juniors. Second semester in alternate years. (Omitted 1953-54.)*

43. PSYCHOLOGICAL STATISTICS. PROFESSOR GROSE. *2 credit hrs.*
An introduction to statistical techniques commonly used in psychological and educational research. Two class meetings per week. Requisite or corequisite: Psychology 21. *Elective for Juniors. First semester.*

44. PSYCHOLOGICAL TESTS AND MEASUREMENTS.

3 credit hrs.

Professor GROSE.

An introduction to the basic principles of psychological tests and measurements used in research and in various areas of applied psychology. Attention will be given to the construction, administration, and interpretation of representative group and individual tests of intelligence, personality, aptitude, and achievement. Two class meetings and one laboratory session per week. Requisite: Psychology 21 and 43. *Elective for Juniors. Second semester in alternate years.*

46S. PSYCHOLOGY OF PERSONALITY. Professor KOESTER.

4 credit hrs.

An advanced course dealing with the organization and development of human personality. Special emphasis will be placed upon an analysis of those factors which significantly influence (1) the individual's characteristic modes of reacting to others and to himself and (2) the nature of his adjustment to the social and cultural environment. A number of case histories will be analyzed for the purpose of clarifying general concepts and principles and of developing some skill in the use of the latter in the attempt to understand an individual's pattern of behavior and experience. Four hours of classroom work per week. Requisite: Psychology 21. *Elective for Juniors. First semester.*

47. EXPERIMENTAL PSYCHOLOGY. Professor GROSE.

4 credit hrs.

A study of experimental methods used in the analysis of behavior and of representative findings in important areas including sensory and perceptual processes, motivation, and learning. Three class meetings and one laboratory session per week. Requisite: Psychology 21. *Elective for Juniors. First semester.*

51S. PSYCHOLOGICAL VIEWPOINTS AND THEORY.

4 credit hrs.

Professor KOESTER.

A study of significant viewpoints concerning objectives and methods of psychological investigation and an analysis of important theoretical contributions to an understanding of behavior and experience, including a systematic survey of psychoanalytical concepts. Four hours of classroom work per week. Requisite: Psychology 21. *Elective for Juniors. Second semester.*

70. JUNIOR HONORS. The Department.

2 credit hrs.

A weekly analysis of selected research findings with special emphasis upon the design and interpretation of research projects and the discovery of new research possibilities. In addition, the student will be expected to formulate a research project and to present plans for undertaking the

project during his senior year. Requisites: Psychology 21, 43, 47. Psychology 47 may be taken as a corequisite. *Elective for Juniors. Second semester.*

72. MARRIAGE AND THE FAMILY. Professor KOESTER. *1 credit hr.*

An introduction to marriage and the family with emphasis upon psychological, biological, and sociological findings. One class meeting per week. *Elective for Seniors. Second semester.*

79-80. SENIOR HONORS. The Department. *6 credit hrs.*

The student undertakes an individual research project. A substantial amount of preliminary data must be obtained during the first semester. The project is completed during the second semester. In addition, honors students participate in a seminar designed to broaden their understanding of psychological analysis and findings. Requisite: Psychology 70 and one additional course. *Elective for senior honors students. First and second semesters.*

Public Speaking

Professor GARRISON

Note: Public Speaking 42 and 44 may be elected by students who have not taken Public Speaking 41 and 43.

21. FUNDAMENTALS OF ORAL EXPRESSION. *1 credit hr.*
Professor GARRISON.

One hour of classroom work per week. *Required of Sophomores. First semester.*

22. FUNDAMENTALS OF ORAL EXPRESSION. *1 credit hr.*
Professor GARRISON.

One hour of classroom work per week. *Required of Sophomores. Second semester.*

41. EXTEMPORANEOUS SPEAKING; TECHNIQUES AND TYPES OF SPEAKING.
PSYCHOLOGY OF PERSUASION. *3 credit hrs.*
Professor GARRISON.

Requisite: A grade of "B" in Public Speaking 21-22 and the consent of the instructor. Three hours of classroom work per week. *Elective for Juniors; limited to thirty students. First semester. (Omitted 1953-54.)*

42. EXTEMPORANEOUS SPEAKING; TECHNIQUES AND TYPES OF SPEAKING.
PARLIAMENTARY PROCEDURE. *3 credit hrs.*
Professor GARRISON.

A continuation of Public Speaking 41. Three hours of classroom work per

week. *Elective for Juniors; limited to thirty students. Second semester. (Omitted 1953-54.)*

43. ARGUMENTATION AND THE FORMS OF PUBLIC ADDRESS. *4 credit hrs.*
Professor GARRISON.

A critical study of techniques effective in persuasion; oral and written composition. Requisite: A grade of "B" in Public Speaking 21-22 and the consent of the instructor. Three hours of classroom work per week. *Elective for Juniors; limited to fifteen students. First semester.*

44. ARGUMENTATION AND THE FORMS OF PUBLIC ADDRESS. *4 credit hrs.*
Professor GARRISON.

A study of the application of behavioristic and Aristotelian techniques; oral and written composition. Three hours of classroom work per week. *Elective for Juniors; limited to fifteen students. Second semester.*

Religion

Professors MARTIN* and WIDGERY; Mr. MCGILL

All courses in religion may count towards a major, which shall consist of Religion 21, 22, Introduction to Religion, and six additional semester courses in religion or related studies approved by the Department.

Of these six additional courses at least three must be courses in religion, and it is recommended that they include Philosophy 43, 44, History of Philosophy.

Students definitely committed to a pre-theological course are not encouraged to major in religion, though they should take at least one basic course in the field.

Honors in religion shall consist of the Conference Course Religion 79, 80 taken in conjunction with a major in religion; satisfactory fulfillment of the general honors requirements of the college; satisfactory performance in written comprehensive examinations on the history of religious traditions and on Bible, Philosophy of Religion, or Comparative Religion; and the preparation and oral defense of a scholarly essay on a topic approved by the Department.

21. INTRODUCTION TO RELIGION. Professor MARTIN and Mr. MCGILL
4 credit hrs.

The origins and nature of religion. Basic beliefs and practices of Confucianism, Hinduism, Buddhism and Judaism as reflected in their scriptures and institutions. May be elected to fulfill part of the sophomore Humanities requirement. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

* Absent on leave, second semester 1953-54.

22. INTRODUCTION TO RELIGION. Mr. MCGILL. 4 credit hrs.

The Christian heritage as reflected in the New Testament and the Christian classics. Basic Catholic and Protestant doctrines and practices. Religion and the modern mind: modernism, humanism, and the new orthodoxy. May be elected to fulfill part of the sophomore Humanities requirement. Four hours of classroom work per week. *Elective for Sophomores. Second semester.*

23. THE OLD TESTAMENT. PROFESSOR MARTIN. 4 credit hrs.

Foundations of the Hebrew-Christian tradition in the literature and life of the Old Testament. May be elected to fulfill part of the sophomore Humanities requirement. Four hours of classroom work per week. *Elective for Sophomores First semester.*

24. THE NEW TESTAMENT. Mr. MCGILL. 4 credit hrs.

Foundations of the Christian tradition in the literature and culture of the New Testament. May be elected to fulfill part of the sophomore Humanities requirement. Four hours of classroom work per week. *Elective for Sophomores. Second semester.*

45. TRAGEDY, MYTH AND RITUAL. Mr. MCGILL. 3 credit hrs.

A study of the treatment of evil in Greek drama, Christian worship and the contemporary scene. (Same course as Philosophy 45.) Three hours of classroom work per week. *Elective for Juniors. First semester.*

46. PHILOSOPHY OF RELIGION. PROFESSOR WIDGERY. 3 credit hrs.

A philosophical examination of religion as described in the psychology, the history, and the comparative study of religions. Reynolds lectures, open to the public, and elective for Juniors for credit. (Same course as Philosophy 46.) Three hours of classroom work per week. *Elective for Juniors. Second semester.*

79. CONFERENCE COURSE. The Department. 4-8 credit hrs.

Required of candidates for honors in religion. *Elective for Seniors with the consent of the instructors. First semester. (Minimum of 6 credit hours for honors candidates.)*

80. CONFERENCE COURSE. The Department. 4 credit hrs.

Required of candidates for honors in religion. *Elective for Seniors with the consent of the instructors. Second semester. (Minimum of 6 credit hours for honors candidates.)*

Science

SCIENCE 1. PROFESSORS ARONS and BROWN in charge. 4 credit hrs.

A course in physical science and mathematics. The objectives of the

course are: to show what is meant by a scientific concept and how scientists construct a conceptual scheme to obtain a deeper understanding of physical phenomena; to show how scientists work and reason and how such reasoning has led to discoveries which have influenced the development of our culture and the outlook of man toward the world around him; to impart some knowledge of physical laws and phenomena, particularly those which affect our every day lives and actions.

To achieve these ends, no attempt is made to cover a wide range of subjects in the fields of physics and mathematics; rather, a limited number of subjects is studied with some care, so as to develop a more profound understanding than would otherwise be possible.

In physics, topics are selected from mechanics in such a way as to develop an understanding of the ideas which led to Newton's formulation of the laws of mechanics and the theory of gravitation and thence to indicate the impact which the Newtonian synthesis has had on the subsequent development of science and philosophy. Selected topics from electricity and optics are then introduced and, combined with the previously developed topics in mechanics, are used to show how we have arrived at our present conception of the structure of matter.

In mathematics, topics are selected from analytic geometry and calculus in such a way as to show how this science has arisen as a powerful independent discipline and how its tools, in turn, have profoundly influenced the development of physical science.

Mathematics, two hours; Physics, two hours; Laboratory, two hours.
Required for Freshmen. First semester.

SCIENCE 2. Professors ARONS and BROWN in charge. 4 credit hrs.

The second semester of the course outlined above under Science 1.

Mathematics, two hours; Physics, three hours; Laboratory, two hours.
Required for Freshmen. Second semester.

Staff Professors ARONS, BENSON, BREUSCH*, BROWN, CROWELL, LINNELL, NICOL, SOLLER, and SPRAGUE; Messrs. APT, TOMBER, TOWNE, WILLCOX.

21. CHEMISTRY-BIOLOGY SEQUENCE. CHEMISTRY. 4 credit hrs.

Professors BEEBE, WHITNEY, GRAHAME; Messrs. APT and ROBISON.

A study of substances, their structure, their properties and the reactions by which they are converted into other substances. Special attention is given to the orientation of chemistry toward physics, biology and the other related sciences. Three hours classroom and four hours laboratory work per week. (Same course as Chemistry 21.) Requisite: Science 2. *Elective for Sophomores. First semester.*

* Absent on leave, second semester 1953-54

22. CHEMISTRY-BIOLOGY SEQUENCE. GENERAL BIOLOGY. *4 credit hrs.*
Professor KIDDER and Mr. YOST.

An introduction to biological principles integrated with the first semester chemistry which is arranged as part of a program of liberal study. Four classroom hours and two hours of laboratory work per week. (Same course as Biology 22.) *Elective for Sophomores. Second semester.*

- 23-24. EVOLUTION OF THE EARTH AND MAN. *4 credit hrs.*
Professors GREEN, PARTRIDGE, PLOUGH, SAGE and WOOD; Mr. ELLIS.

A review of the evolution of the earth and the changing landscape, particularly in relation to the appearance and history of living organisms. This leads to a study of the appearance of the human line, and the evolution of man with his developing cultures. Four classroom hours and two hours laboratory work per week. (Same course as Biology 23-24.) *Elective for Sophomores. First and second semesters.*

42. HISTORY OF SCIENCE AND TECHNOLOGY. *3 credit hrs.*
Professor GREEN.

The development of scientific thought and method in the physical sciences, and the development of technology in physical science. Emphasis will be placed on the period from the fifteenth century to modern times. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

Spanish

Assistant Professors JOHNSON* and SIMCHES; Mr. STURCKEN.
Assistants: Mrs. FRAKER and Mr. CASTRO

Note: Major with honors. The honors major consists primarily in a program of extensive reading in the major authors of the last four centuries, and is intended also to provide a general knowledge of the development of Spanish literature since the end of the Middle Ages. Candidates will normally take the courses numbered 7, or 7S (8), 10, 21, 22, 24, 25, 26, 42. In exceptional cases and with the consent of the Department, a related course in another department may be substituted for the eighth course in Spanish. All course elections are made in consultation with a representative of the Department, and the course program may be adjusted in special cases. At the end of the final semester each candidate will take two three-hour examinations, one consisting mainly of essay questions (to one of which the answer must be written in Spanish), the other involving critical interpretation of text. Recommendations for the various grades of degree with honors will be made on the basis of (1) the honors examinations, (2) the student's general average in all his work in the department.

Major for students not candidates for the degree with honors. The major must

* Absent on leave 1953-54.

include thirty credit hours, not counting courses 1 and 3. Eight of these credits may be in approved courses outside the Department.

Combined major in two languages. For a student whose primary language is Spanish, the major must include twenty credit hours in Spanish, not counting courses 1, 3 and 5; in the second language it must include ten credit hours, of which at least three must deal with literature.

Requirements for Sophomores in Humanities. The following courses are approved as satisfying the Humanities requirement in sophomore year. Any course or combination of courses (numbered above 5, except Spanish 10) giving 4 credit hours.

1. ELEMENTARY COURSE.

4 credit hrs.

Mr. STURCKEN and assistants.

Grammar, pronunciation, oral practice. This course will meet three hours per week for explanation and demonstration, and four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

3. INTERMEDIATE COURSE.

4 credit hrs.

Mr. STURCKEN and assistants.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. This course will meet three hours per week for explanation and demonstration, and three hours per week in small sections for drill in aural comprehension of the language. Assignment to this course will be made on the basis of the score in the CEEB Achievement Test. *Elective for Freshmen. First semester.*

3S. INTERMEDIATE COURSE. Mr. STURCKEN and assistants.

4 credit hrs.

Same description as above. Requisite: Spanish 1, or the equivalent. *Elective for Freshmen. Second semester.*

5. ADVANCED COURSE.

4 credit hrs.

Professor SIMCHES and assistants.

Reading and analysis of selected texts. This course will meet three hours per week for explanation and demonstration, and three hours per week in small sections for oral practice and discussion. Stress will be placed on the acquisition of aural comprehension of the language and oral drill. Conducted as far as possible in Spanish. Requisite: A satisfactory score in the CEEB Achievement Test, or Spanish 3, or the equivalent. *Elective for Freshmen. First semester.*

5S. ADVANCED COURSE. Mr. STURCKEN and assistants.

4 credit hrs.

Same description as above. Requisite: A satisfactory score in the CEEB Achievement Test, or Spanish 3, or the equivalent. *Elective for Freshmen. Second semester.*

7. INTRODUCTION TO HISPANIC LITERATURE. 4 credit hrs.
Professor SIMCHES.

This course will meet five hours per week: three hours for the reading and discussion of some representative works and authors. Two hours in small sections for oral and aural practice in the active use of the Spanish language. Requisite: Satisfaction of the language requirement. *Elective for Freshmen. First semester.*

- 7S. INTRODUCTION TO HISPANIC LITERATURE. 4 credit hours.
Professor SIMCHES.

Same description as above. Requisite: Satisfaction of the language requirement. *Elective for Freshmen. Second semester.*

10. ADVANCED COMPOSITION AND CONVERSATION. 4 credit hrs.
The Department.

Practice in free composition and set translation into Spanish; oral reports on selected topics. This course is designed primarily for those who wish to perfect their command of Spanish for further study or for teaching the language. Requisite: Spanish 5 or the consent of the instructor. Three class and two laboratory hours per week. *Elective for Freshmen. Second semester in alternate years. (Omitted 1953-54.)*

21. READINGS IN SPANISH LITERATURE SINCE 1800. 4 credit hrs.
Mr. STURCKEN.

This course will meet three times a week to study approximately six representative novels and plays and some poetry, and their relation to the main literary trends of recent times. Limited to 25 students. Requisite: Spanish 7 or Spanish 7S (8). *Elective for Sophomores. First semester in alternate years.*

22. READINGS IN SPANISH AMERICAN LITERATURE SINCE 1800. 4 credit hrs.
Mr. STURCKEN.

This course will meet three times a week to study selected works of outstanding merit and their relation to the development of Spanish American culture. Limited to 25 students. Requisite: Spanish 7 or Spanish 7S(8). *Elective for Sophomores. Second semester in alternate years.*

24. POETRY. 2 credit hrs.
Professor SIMCHES.

This course will meet twice a week to read and discuss examples of Spanish verse. Particular emphasis will be placed upon Rubén Darío and the Modernistas. Requisite: Spanish 7 or Spanish 7S(8). *Elective for Sophomores. Second semester in alternate years.*

25. GOLDEN AGE PROSE, POETRY, AND DRAMA. 4 credit hrs.

This course will meet three hours per week for extensive reading in such

authors as Juan Manuel, Garcilaso, Fray Luis de León, Quevedo, Góngora, Lope de Vega, Tirso de Molina, Calderón. Recommended for students planning to take the Cervantes course. Limited to 25 students. Requisite: Spanish 7 or Spanish 7S (8). *Elective for Sophomores. First semester in alternate years. (Omitted 1953-54.)*

26. CERVANTES. PROFESSOR JOHNSON. 4 credit hrs.

This course will meet three hours per week to study the major prose works of Cervantes and their relation to the literature of the Golden Age. Emphasis on *Don Quijote de la Mancha*. Limited to 25 students. Requisite: Spanish 7 or Spanish 7S(8). *Elective for Sophomores. Second semester in alternate years. (Omitted 1953-54.)*

27. HISPANIC AUTHORS. PROFESSOR SIMCHES. 1 credit hr.

The author to be studied in this course will be determined each year by the instructor in charge. For 1953-54: Unamuno. Requisite: Spanish 7 or Spanish 7S(8), or the permission of the instructor. *Elective for Sophomores. First semester.*

28. HISPANIC AUTHORS. PROFESSOR SIMCHES. 1 credit hr.

The author to be studied in this course will be determined each year by the instructor in charge. For 1953-54: Ortega y Gasset. Requisite: Spanish 7 or Spanish 7S(8), or the permission of the instructor. *Elective for Sophomores. Second semester.*

42. ADVANCED READINGS IN SPANISH LITERATURE. 4 credit hrs.
The Department.

The content of this course will be determined each year by the instructor in charge. Requisite: The consent of the Department. *Elective for Juniors. Second semester.*

III

*Lectureships, Honors, Fellowships, Prizes
and Awards*

Lectureships

THE HENRY WARD BEECHER LECTURESHIP

This lectureship fund of \$10,000 was founded by the late Frank L. Bab-bott, LL.D., of the class of 1878, in honor of Henry Ward Beecher, of the class of 1834. The incumbent is appointed biennially by the Faculty for supplementary lectures in the departments of history and the political, social, and economic sciences.

THE CLYDE FITCH FUND

A fund of \$20,000 was established by Captain and Mrs. W. G. Fitch of New York in memory of their son, Clyde Fitch, of the class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

THE JOHN WOODRUFF SIMPSON LECTURESHIP

A fund now amounting to \$191,700 was established in memory of John Woodruff Simpson, of the class of 1871, by his wife and daughter. The income is to be used for fellowships and "to secure from time to time, from England, France or elsewhere, scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

THE REYNOLDS FUND

A fund now amounting to approximately \$134,000 was established by the late George W. Reynolds of the class of 1877. Part of the income is accumulated each year and added to the fund. The remainder is available for lectures at the College in the fields of religion and of science.

THE CHARLES E. MERRILL LECTURESHIP

An expendable fund of \$10,000 was given by Charles E. Merrill of the Class of 1908 for a series of lectures and formal discussions on applied economics. Upon delivery, these lectures become the property of Amherst College for publication.

As in previous college years, a number of Merrill Lecturers will be brought to the College during 1952-1953 from the fields of government, business, labor, and agriculture.

Honors

THE PHI BETA KAPPA SOCIETY

The students elected to membership in this honor society are those of highest standing and are normally candidates for the degree with honors. A preliminary election of outstanding students occurs at the end of the first semester of Junior year; and further elections occur at the end of the first semester and at commencement time of Senior year. Membership in the society is extended to about a tenth of the students in each class.

Officers

President: NEWTON F. McKEON, JR., '26

Vice President: PAUL D. BARTLETT, '28

Secretary-Treasurer: BRUCE B. BENSON, '43

Undergraduate President: DONALD F. WINTER, '54

Undergraduate Secretary-Treasurer: STEPHEN C. WHITMORE, '54

First Election, Class of 1954

Norman Siegfried Fieleke
Roderick Gould
Charles Morrow Grimstad
Robert Harris Schapiro

Martin Charles Seham
Richard Lubert Soffer
Stephen Carr Whitmore
Donald Ferguson Winter

Second and Third Elections, Class of 1953

Robert Howard Bierman
James Coulter Black
Jack Allen Boehm
Bazil William Brown, Jr.
Frank Malcolm Child, III
William MacDonald Clark
Blair Crosby Currie
Dwight Hills Damon
Robert Oliver Dehlendorf, II
George Howard Edmonds
Stephen Bolz Espie
Harry William Evans
Donald Richard Finberg
Norman Gorbaty
Richard Seith Gray

William Bates Greenough, III
Robert Charles Helander
Neil Hart Hertz
Steven Miles Jacobson
David Noel Keightley
Robert James Kieley
Walter Frank Leinhardt
Karl Cadem Lemp
Piers Ingersoll Lewis
Gustave Vicary Mahler
William Harrison Pritchard, Jr.
John Charles Rothberg
Robert Theodore Ward
Robert William Weinstein
Philip Steele Winterer

THE SOCIETY OF THE SIGMA XI

Sigma Xi, the National Honorary Scientific Research Society, was founded in 1886; the Amherst Chapter was installed March 23, 1950. The Society has as one of its purposes to give recognition to those students, members of the faculty, and research associates who have demonstrated ability to carry on constructive scientific research or who show definite promise of research ability. Other functions are the maintenance of companionship among investigators in the various fields of science, the holding of meetings for the discussion of scientific subjects, and the fostering of an interest in scientific research in the College.

Undergraduates, masters candidates, and others who show definite promise of research ability may be recommended to associate membership by the departments concerned. In the case of undergraduates, nomination will be given only to those students whose promise of research ability would warrant recommendation for at least a degree *magna cum laude* (entirely aside from the question of grades).

Officers

President: Professor ALBERT E. WOOD

Vice-President: Professor WILLIAM W. STIFLER

Secretary-Treasurer: Professor ROBERT F. GROSE

Full Members

Prof. Arnold B. Arons
Prof. Haskell R. Coplin

Dr. Marvin L. Tomber
Dr. Ronald M. Dell

Associate Members (Class of 1953)

Robert H. Bierman
Frank M. Child, III
Barry J. Fenton
Dwight W. Fitterer, Jr.
Kenneth F. Clark
William B. Greenough, III
Bertram W. Justus
Thomas C. Washburn

Dieter H. Keller
William D. Slawson
Robert L. Stern
John T. Crone
Dwight H. Damon
Robert T. Ward
Richard E. Watson
Blake Cady

Associate Members (Graduate Students)

Harold Berkowitz
Wilbur L. Hartman

Richard A. Liversage
Thomas E. Steadman

THE BOND FIFTEEN

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of senior year, two speakers are selected upon the basis of literary and oratorical merit to deliver orations at the Class Day Exercises. The Bond Prize of one hundred dollars is awarded to the speaker who delivers the best oration.

The Bond Fifteen, 1953

Bazil William Brown, Jr.
Blair Crosby Currie
Donald Richard Finberg
William Bates Greenough, III
Robert Charles Helander
Neil Hart Hertz
David Noel Keightley
Walter Frank Leinhardt
Thomas Russell Moro
William David Slawson
Robert Lester Stern
Donald Wood Sutherland
Thomas Campbell Washburn
Richard Emery Watson
Philip Steele Winterer

Fellowships

The College's funds for fellowships aggregate \$434,700. From the income of these funds fellowships are awarded annually to graduates of Amherst College, and in some instances to graduates of other colleges, for study in graduate or professional schools. Applications should be made in writing to the Dean before March first.

The names of those to whom fellowships have been awarded for the current year will be found on page 14.

THE AMHERST MEMORIAL FELLOWSHIPS FOR THE STUDY OF SOCIAL, ECONOMIC, AND POLITICAL INSTITUTIONS, AND FOR PREPARATION FOR TEACHING AND THE MINISTRY

A fund of \$106,100 provides fellowships to perpetuate the memory of those Amherst men who gave their lives for an ideal. The following statement expresses the purposes of the donor of these fellowships: "Realizing the need for better understanding and more complete adjustment between men and existing social, economic, and political institutions, it is my desire to establish a fellowship for the study of the principles underlying these human relationships."

Appointments to these fellowships may be made from the graduating class or the alumni of Amherst College or of other colleges, the object being to permit men of character, scholarly promise, and intellectual curiosity to investigate some problem in the humanistic sciences. Candidates should be men of sound health. During previous training they should have given evidence of marked mental ability in some branch of the social sciences—history, economics, political science—and have given promise of original contribution to a particular field of study. It is desirable that they possess qualities of leadership, a spirit of service, and an intention to devote their efforts to the betterment of social conditions through teaching in its broad sense, journalism, politics, or field work.

While preference is given to candidates planning to do advanced work in the field of the social sciences, applications will be accepted and awards made to candidates who are planning to go to theological school as a preparation for a career in the ministry and to those from other fields than the social sciences who are preparing for a career in teaching in secondary schools or colleges.

Appointments may be made for terms of two years. Tenure may, however, be shorter or longer, depending upon the nature of the subjects investigated or upon other circumstances which, in the judgment of the committee, warrant a variation in the length of tenure.

The stipend will vary according to the circumstances of the appointment. Awards will depend upon those aspects of individual cases which, in the judgment of the committee, most suitably fulfill the purpose of the foundation.

These fellowships will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

THE HENRY P. FIELD FELLOWSHIPS

Two fellowships of \$500 each are available from the income of the bequest of the late Henry P. Field of the class of 1880, to promote graduate study in the fields of English and History. Appointments are made annually by the College on the recommendation of the departments of English and History.

THE EDWARD HITCHCOCK FELLOWSHIP

The income from a fund of \$20,000 founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., is available for the promotion of graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

A fund of \$7200, established through the agency of the Alpha Delta Phi Fraternity, provides an annual award under conditions determined by the Faculty, to a member of the senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two installments, one on completion of one-half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The income from a fund of \$48,100 established by the late Rufus B. Kellogg of the Class of 1858 provides certain prizes, and a fellowship award for three years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

1. He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

2. The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other considerations whatsoever, except that he should have an especially good knowledge of at least one modern foreign language and should have had at least one year of Latin in preparatory school or college.

3. The three years shall be spent by the incumbent at a German University, or, with the approval of the said Faculty, at any other place or places, in the study of philosophy, philology, literature, history, political science, political economy, mathematics or natural science. At least one college term of the final year shall be spent by the incumbent at Amherst College, where he shall give a series of not more than thirty lectures on a subject selected by himself and approved by the Trustees. The lectures shall be given to the Senior class, but the members of all other classes shall have the privilege of attending. The incumbent shall have his lectures published, at the end of his official term, in good book form, or in a learned journal.

THE EDWARD POOLE LAY FELLOWSHIP

A fund of \$31,600, established by Frank M. Lay, of the class of 1893, and Mrs. Lay, in memory of their son Edward Poole Lay, of the class of 1922. The income from the fund provides for a fellowship to be awarded to a graduate of Amherst College who has shown unusual proficiency and talent in music, and who desires to continue his studies in this field. Preference is to be given to a candidate who is proficient in voice. In the event that there is no qualified candidate for the award in any one year in the musical arts (especially voice and instrumental music), then it may be awarded under the same conditions to a qualified candidate in the field of the dramatic arts.

This fellowship will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

THE JAMES INGRAM MERRILL AWARD

A fellowship of \$1,000 is available for a member of the graduating class or a recent alumnus who has done outstanding work in the field of English to assist him in graduate study at a University of his choice. The award may be made for either scholarly promise or for ability in creative writing. The award is to be made by the Fellowship Committee upon recommendation from the English Department.

THE FORRIS JEWETT MOORE FELLOWSHIPS

These fellowships, three in number, were established in memory of

Forris Jewett Moore of the class of 1889 by his widow, Emma B. Moore. In each case, the beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.

1. A fund of \$19,400, the income of which is to be used to assist some graduate of Amherst College who has distinguished himself in the study of chemistry while an undergraduate and desires to engage in further study of that subject, preference to be given to eligible candidates whose plans lie in the field of organic chemistry.

2. A fund of \$13,700, the income of which is to be awarded to a graduate of Amherst College who has distinguished himself in the study of history while an undergraduate and desires to engage in further study of that subject.

3. A fund of \$16,900, the income of which is to be awarded to a graduate of Amherst College who has distinguished himself in the study of philosophy while an undergraduate and desires to engage in further study of that subject.

THE GEORGE A. PLIMPTON FELLOWSHIPS

These fellowships, established by the Board of Trustees of Amherst College in memory of George A. Plimpton of the class of 1876, a member of the Board from 1890 to 1895 and from 1900 to 1936 and President of the Board from 1907 to 1936, are to be awarded without stipend to members of the senior class who are of outstanding scholastic ability and promise, who plan to continue their studies in graduate school, and who are not in need of financial assistance.

These fellowships will be awarded by the Board of Trustees upon recommendation of the Faculty Fellowship Committee.

THE SHERMAN PRATT FACULTY FELLOWSHIPS FOR STUDY ABROAD

These fellowships are awarded by the President of the College to younger members of the Amherst Faculty, on the basis of past performance in teaching and scholarship and programs for further study. The stipends may be fixed in such amount as the President may determine. Each holder of a Sherman Pratt Fellowship will be expected on his return to the College to deliver to the college body one or more lectures.

THE JOHN WOODRUFF SIMPSON FELLOWSHIPS AND LECTURESHIPS

A fund now amounting to \$191,700 was established in memory of John Woodruff Simpson of the class of 1871, by his wife and daughter. The uses of the income as defined by the donors are as follows:

"1. To award to any graduate of Amherst College a fellowship for use

in studying law at any school approved by the Board of Trustees of the College;

"2. To award to any graduate of Amherst College a fellowship for use in studying medicine at any school approved by the Board of Trustees of the College;

"3. To award to any graduate of Amherst College a fellowship for use in studying theology at any school approved by the Board of Trustees of Amherst College, without regard to the particular creed or particular religious belief taught thereat;

"4. To award to any graduate of Amherst College a fellowship for use in studying at any school, college or university approved by the Board of Trustees of the College, in preparation for the teaching profession;

"5. To award to any graduate of Amherst College a fellowship for use in graduate study at the universities of Oxford or Cambridge in England;

"6. To award to any graduate of Amherst College a fellowship for use in graduate study at the Sorbonne in Paris;

"7. To secure from time to time from England, France or elsewhere scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

These fellowships will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

FELLOWSHIPS AWARDED BY THE AMERICAN SCHOOLS OF CLASSICAL STUDIES AT ATHENS AND ROME

The attention of graduate students interested in the Classics and in Archaeology and Ancient Art is called to the opportunities offered by the American Schools of Classical Studies at Athens and Rome. As the College contributes regularly to the support of these schools, any Amherst graduate may enjoy the privileges of study at either school without charge for tuition and may compete for the annual fellowships which they offer. Further information may be obtained from any classical teacher at the College.

Prizes and Awards

The following prizes are offered annually for proficiency in the work of the several departments of collegiate study, and for other qualifications. The recipients of awards for the previous year are named in each case.

Art

THE ANNA BAKER HEAP PRIZE, from the income of a fund of \$1,500, established by the late Arnold N. Heap of the class of 1873; \$65 is awarded to that Senior who submits the best essay in the field of "Art."

GEOFFREY HENDRICKS, '53

Biology and Geology

THE HARVEY BLODGETT SCHOLARSHIP, from the income of a fund of \$2,300, established by Frederick H. Blodgett in memory of his grandfather, Harvey Blodgett of the class of 1829, is awarded to aid student work in biology and geology in their educational phases as distinct from their more technical and strictly scientific phases: combined with

THE PHI DELTA THETA SCHOLARSHIP, from the income of a fund of \$500, established by the Phi Delta Theta Fraternity, is awarded as a scholarship at the Woods Hole Marine Laboratory to a student for proficiency in biology.

(The two preceding scholarships usually are combined, with a single award of \$125.)

IRWIN MORTON SPIEGELMAN, '54

Chemistry and Medicine

THE HOWARD WATERS DOUGHTY PRIZE, from the income of a fund of \$1000, given anonymously; \$45 is awarded to that member of the junior class who, in the opinion of the chemistry department, is best qualified to undertake an honors program.

ADAM GEORGE GEBAUER, '54

THE FRANK FOWLER DOW PRIZES, part of the income from a fund established by Fayette B. Dow, '04, in memory of his father; \$300 is awarded to a member or members of the junior or senior class preparing

to enter medical school, and whose undergraduate work indicates a career of usefulness and distinction in medicine.

Divided between

THOMAS CAMPBELL WASHBURN, '53
WILLIAM BATES GREENOUGH, III, '53

Dramatics

THE RAYMOND KEITH BRYANT PRIZE, an annual gift of \$25 from Robert E. and Ethel M. Bryant in memory of their son, Raymond Keith Bryant, of the class of 1936, is awarded to that undergraduate who, in the opinion of a board of judges, gives the best single performance of the year in a Masquers' play.

JAMES CULBERTSON DAGGITT, '53

Economics

THE W. T. AKERS, JR. PRIZE of \$50, provided by an annual gift from W. T. Akers, Jr., of the class of 1927, is awarded to that member of the junior or senior class who has, in the opinion of the economics department, written and submitted the best paper on some topic connected with insurance.

BURTON KAY WERNER, '54

English

THE ARMSTRONG PRIZE, from the income of a fund of \$2,400, established in part by Collin Armstrong of the class of 1877 in memory of his mother Miriam Collin Armstrong, awarded in the form of books to the value of \$55 to members of the freshman class who excel in composition.

ROBERT ERWIN EPSTEIN, '56

THE COLLIN ARMSTRONG POETRY PRIZE, from the income of a fund of \$2,400, established in part by Mrs. Elizabeth H. Armstrong; \$55 is awarded to the undergraduate author of the best original poem or group of poems.

DAVID NOEL KEIGHTLEY, '53

THE CORBIN PRIZE, from the income of a bequest of \$1000 established by the estate of William Lee Corbin of the Class of 1896; \$45 is awarded

for an outstanding original composition in the form of poetry or an informal essay.

Divided equally among

EDWARD WINSLOW CORSON, JR., '54

WALTER MILLIS, III, '54

MATTHEW PALMER MITCHELL, '54

THE JOHN FRANKLIN GENUNG PRIZE, of \$50, given each year anonymously in memory of Professor Genung, is awarded to that member of the junior or senior class who excels in prose composition.

LELAND STANFORD EVANS, JR., '53

THE HARRY RICHMOND HUNTER, JR. PRIZE, from the income of a fund of \$1,300, established by H. R. Hunter and Emma Louise Hunter in memory of their son, Harry Richmond Hunter, Jr. of the class of 1929; \$50 is awarded to that member of the sophomore class who presents the best essay on a topic approved by the English department.

Divided equally between

ALLING CHRISTIAN BROWN, '55

DAVID MARKHAM LEMAL, '55

THE RALPH WALDO RICE PRIZE, from the income of a fund of \$1,500, established by Mrs. Mary Rice Jenkins in memory of her brother, Ralph Waldo Rice, of the class of 1910; \$65 is awarded for the best essay on "The Liberal College and Christian Citizenship" or any other subject named by the Faculty.

No award

Greek

THE WILLIAM C. COLLAR PRIZE, from the income of a fund of \$1,300 established by the late William C. Collar of the class of 1859; \$55 is awarded to that member of the freshman class who shall make on a written examination the best version in English of a previously unseen page from some Greek author.

ROBERT ROSS HOLLOWAY, '56

THE HUTCHINS PRIZE, from the income of a fund of \$1,300, established by the late Waldo Hutchins of the class of 1842; \$55 is awarded to the best scholar in Greek at the end of the junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department but special studies and examinations may also be required of the candidates.

KARL CADEM LEMP, '53

THE HARRY DE FOREST SMITH SCHOLARSHIP, of \$600, is awarded to a member of the freshman class enrolled in one of the regular courses in the department of Greek. The award is made on the basis of an examination given at the candidate's school in the March preceding his entrance to college. Students who have had either two or three years of Greek at school are eligible for this scholarship.

CLIFFORD JOHN RONAN, '57

Journalism

THE SAMUEL BOWLES PRIZE, from the income of a fund of \$3,400 established by the late Samuel Bowles King, '02; to stimulate interest in journalism as a career, a prize of \$150 is awarded to a student of the junior or senior class who has demonstrated proficiency in journalism. The income may be used from time to time for a scholarship or toward a lectureship.

PETER SCHRAG, '53

Latin

THE BILLINGS PRIZES, from the income of a fund of \$1,200, established by Frederick Billings in memory of Parmly Billings of the class of 1884; two prizes of \$35 and \$20 are awarded for general excellence in the Latin courses of the Sophomore Year together with the best essays on special topics connected with the authors read in that year.

ROBERT LESTER STERN, '53

THE CROWELL PRIZES, from a fund of \$2000 in memory of Edward Payson Crowell of the class of 1853; two prizes of \$35 and \$20 are awarded for the highest scholarship in the freshman Latin courses, and a prize of \$35 is awarded to the student who, together with attaining a high average in the Latin courses of the Junior Year, presents the best essay on some approved topic connected with the junior Latin course.

Freshman Award

Divided equally between

ROBERT ROSS HOLLOWAY, '56

JAMES JUSTESEN WHITE, '56

No Junior Award

THE BERTRAM PRIZES, from the income of a fund of \$2,000, established by the late John Bertram of Salem; two prizes of \$50 and \$40 each are awarded to those students who, together with attaining a high average

in the Latin courses of the Senior Year, present the best essays on some approved topic connected with these courses.

No award

Mathematics, Physics, and Astronomy

THE PORTER PRIZES, from the income of a fund of \$600, established by the late Eleazer Porter of Hadley; two prizes of \$13 each are awarded for proficiency in first year physics and astronomy respectively.

Physics

Divided equally between

HANS PETER LIE, '56

JOHN THEODORE SCHEICK, '56

Astronomy

DONALD FERGUSON WINTER, '54

THE WALKER PRIZES, part of the income of a fund of \$6,000, given by the late William J. Walker of Newport, Rhode Island; two prizes of \$80 and \$40 are awarded for proficiency in mathematics of the first year, and two prizes of \$100 and \$50 for proficiency in mathematics of the second year. In each case the award is determined by an examination.

First Year

Divided equally between

HANS PETER LIE, '56

FRITZ FRANZ KLAUS RINGER, '56

Second Year

Divided equally between

PAUL LIVINGSTONE PENFIELD, JR., '55

LAURENCE RETMAN YOUNG, '56

Philosophy and Religion

THE MOSELEY PRIZES, from the income of a fund of \$7,200, established by the late Thomas W. H. Moseley of Hyde Park; two prizes of \$215

and \$110 are awarded to members of the senior class for the best essays on a subject approved by the Department of Philosophy and Religion.

First Prize

PHILIP WALTER RANSOM, JR., '53

Second Prize

MALVIN COHN, '53

Physical Education

THE SAWYER PRIZES, from the income of a fund of \$1,800, established by the late Edmund H. Sawyer, hon. 1878; \$80 is available for prizes for excellence in the department of Physical Education.

Senior Class

JEROLD BENJAMIN WILKOFF, '53

Sophomore Class

GERALD RODMAN PLOTKIN, '55

Political Science

THE DENSMORE BERRY COLLINS PRIZE IN POLITICAL SCIENCE, of \$100, given annually by Miss Margaret S. Densmore in memory of her nephew Densmore Berry Collins, of the class of 1940. The award will be made to the student submitting the best honors thesis in Political Science.

JOHN CHARLES ROTHBERG, '53

Public Speaking

THE BANCROFT PRIZES, of \$175 and \$100, from the income of a fund of \$6,100 established by the late Frederic Bancroft of the class of 1882; awarded to the two members of the senior class who produce the best orations. Both composition and delivery are considered in making the awards.

First Prize

ROBERT CHARLES HELANDER, '53

Second Prize

RICHARD MILLAR EARLE, '53

THE BOND PRIZE, from the income of a fund of \$2,200 established by the late Ephraim W. Bond of the class of 1841; \$100 is awarded for the best production spoken at the Senior Chapel service. The award is de-

terminated by a committee appointed by the Trustees upon nomination by the Faculty.

DAVID NOEL KEIGHTLEY, '53

THE HARDY PRIZES, from the income of a fund of \$1,200, established by the late Alpheus Hardy of Boston; prizes of \$35 and \$20 are awarded for excellence in extemporaneous speaking.

First Prize

RICHARD MILLAR EARLE, '53

Second Prize

ROBERT CHARLES HELANDER, '53

THE KELLOGG PRIZES, from part of the income of a fund of \$48,100, established by the late Rufus B. Kellogg of the class of 1858; two prizes of \$60 each are awarded, one to a member of the sophomore class and one to a member of the freshman class, for excellence in declamation.

Sophomore Class

EUGENE GILKISON WANGER, '55

Freshman Class

Divided equally between

CHARLES NELSON LEACH, II, '56

PETER JOHN LEACH, '56

THE ROGERS PRIZE, from the income of a fund of \$1,200, given by Noah C. Rogers of the class of 1880; \$55 is awarded to a member of the junior class for excellence in debate.

IRWIN FREDERICK DEUTSCH, '54

Scholarship and Citizenship

THE ADDISON BROWN SCHOLARSHIP, from the income of a fund of \$5,900, established by the late Addison Brown of the class of 1852; \$265 is awarded to that member of the senior class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman, sophomore, and junior years.

DONALD FERGUSON WINTER, '54

THE SAMUEL WALLEY BROWN SCHOLARSHIP, from the income of a fund of \$5,900, established by the late Samuel Walley Brown of the class of 1866; \$265 is awarded to that member of the sophomore class who at the end of his sophomore year shall in the estimation of the

Trustees rank highest in his class in character, class leadership, scholarship, and athletic ability.

WILLIAM BERNARD DUFFY, JR., '55

THE FRANK A. HOSMER SCHOLARSHIP, from the income of a fund of \$14,800 established by Frank A. Hosmer of the class of 1875; \$600 is awarded to that member of the sophomore class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman year.

ROBERT ROSS HOLLOWAY, '56

THE PORTER ADMISSION PRIZE, from the income of a fund of \$1,100, established by the late Eleazer Porter of Hadley; \$50 is awarded each year to the member of the entering freshman class who is judged to have the best general record on the College Board tests taken for admission to Amherst. The name of the successful candidate, together with that of his school, is published in the catalogue.

JAMES FREDERICK MOLLENAUER, '57

HAVERFORD SCHOOL, Haverford, Pa.

THE PSI UPSILON PRIZE, from the income of a fund of approximately \$4,700, established by the Gamma Chapter of Psi Upsilon in 1941 on the occasion of the Centennial Anniversary of the founding of the Chapter; \$180 is awarded to that member of the graduating class who, in the opinion of a committee consisting of the President of the College, the Dean, and the Chairman of the Department of Physical Education and Intercollegiate Athletics, is considered to be, in the terms of the Ancient Athenian oath,* the "first citizen" of the College.

WILLIAM DAVID SLAWSON, '53

THE JOHN SUMNER RUNNELLS MEMORIAL, from the income of a fund of \$6,000, established in memory of John Sumner Runnells of the class of 1865; \$270 is awarded to that member of the sophomore class who shall in the opinion of the Trustees of the College be preëminent in his zeal for knowledge and industry to attain it.

RALPH GILMORE ALLEN, '55

* "I will not disgrace the soldier's arms, nor abandon the comrade who stands at my side; but whether alone or with many, I will fight to defend things sacred and profane. I will hand down my country not lessened, but larger and better than I have received it. I will accept readily and with understanding the verdicts of our judges, and I will obey the established laws and such other laws as the people may establish. If anyone shall attempt to overthrow the laws, I will not permit it, but whether alone or with many, I will fight to defend them; and I will honor the religion of our fathers. The gods attest this oath!"

OBED FINCH SLINGERLAND MEMORIAL PRIZE, from the income of a fund of \$8,700 established by an anonymous donor; \$390 is awarded by the Trustees of the College to that member of the junior class, who, during his first three years at Amherst, has shown by his own determination and accomplishment the greatest appreciation of and desire for a college education; the award to be based upon demonstrated achievement with full consideration given to the external handicaps, financial and otherwise, under which his record was attained; in case of uncertainty the Trustees are to be guided by the example set by Obed Finch Slingerland.

THOMAS WEST LEWIS, '54

THE STANLEY V. and CHARLES B. TRAVIS PRIZE, from the income of a fund of \$2,300, established by the late Charles B. Travis of the class of 1864; \$105 is awarded to that member of the graduating class who has made the most improvement as a man and as a scholar during his college course.

Divided equally between

WILLIAM JAMES GREER, II, '53

WILLIAM DAVID SLAWSON, '53

THE TREADWAY INTERFRATERNITY SCHOLARSHIP TROPHY, a silver cup, given by Hon. Allen Treadway of the class of 1886, in memory of his son, Charles Denton Treadway, awarded to that fraternity or the group of all non-fraternity men which has attained the highest scholastic average during the previous academic year.

THE LORD JEFFERY AMHERST CLUB

THE TRUSTEE TROPHY is awarded each semester to the fraternity or social organization showing the greatest percentage of improvement academically during the previous semester.

1952-53

First Semester — THETA XI

Second Semester — CHI PSI

THE HOUSE MANAGEMENT COMMITTEE TROPHY is awarded each year after the end of the first semester to the sophomore delegation of a fraternity or social organization having the best scholastic record for the semester, judgment of the record to be based equally on comparative scholastic standing and on percentage of improvement as against the preceding semester.

1952-53 — PHI DELTA SIGMA

THE WOODS PRIZE, an annual gift of \$60 in memory of the late Josiah B. Woods of Enfield, is awarded for outstanding excellence in culture and faithfulness to duty as a man and as a scholar—particular attention being given in any prominent case to improvement during the four years' course.

Divided equally between

WILLIAM JAMES GREER, II, '53

WILLIAM DAVID SLAWSON, '53

Other Prizes

THE ASHLEY MEMORIAL TROPHY, given by the Class of 1916 in memory of Thomas W. Ashley, '16, who was killed in action at Belleau Wood in 1918, is presented annually to the retiring member of the football team who, in the opinion of a committee consisting of the Coach, the Manager, and the Captain-elect, has best "played the game."

EDWARD TREDICK CATLETT, JR., '53

THE HOWARD HILL MOSSMAN TROPHY, awarded annually to the member of the senior class, who, in the opinion of a committee consisting of the President of the College, the Dean, the Chairman of the Department of Physical Education and Intercollegiate Athletics, and the President of the Student Council, has brought, during his four years at Amherst, the greatest honor in athletics to his Alma Mater—the word "honor" to be interpreted as relating both to achievement and to sportsmanship.

EDWARD ASHLEY EAMES, II, '53

THE LINCOLN LOWELL RUSSELL PRIZE, from the income of a fund of \$1,200 established by the late J. W. Russell, Jr. of the class of 1899 in memory of his son; \$55 is awarded to that member of the graduating class who has done most to foster the singing spirit in Amherst College.

BYRON TANNER FOSTER, '53

THE ROBERT E. BAUSER MEMORIAL AWARD of a twenty-five dollar United States savings bond (or its equivalent), is given at the close of every academic year to that member of the Senior Class who, in the opinion of the senior board of Radio Station WAMF, has been of the greatest service in the operation and development of the station, during his tenure as station member. This award is sustained in perpetuity of Amherst College by the Alpha Chi Chapter of Phi Gamma Delta in memory of its brother, Robert E. Bauser, '54.

Degree Conferred April 18, 1953

BACHELOR OF ARTS

Rite

John Francis Canavan

Degrees Conferred June 14, 1953

BACHELOR OF ARTS

Summa cum Laude

Thomas Russell Moro

English

William David Slawson

Mathematics

Magna cum Laude

Robert Howard Bierman

Biology

James Coulter Black

Political Science

Jack Allen Boehm

Economics

Bazil William Brown, Jr.

History

Frank Malcolm Child, III

Biology

William MacDonald Clark

Economics

Blair Crosby Currie

Economics

Robert Oliver Dehlendorf, II

Economics

George Howard Edmonds

American Studies

Stephen Bolz Espie

English

Harry William Evans

History

Donald Richard Finberg

Political Science

Norman Gorbaty

Fine Arts

Richard Seith Gray

English

William Bates Greenough, III

Chemistry

Robert Charles Helander

History

Neil Hart Hertz

Philosophy

Steven Miles Jacobson

English

David Noel Keightley

English

Robert James Kiely

English

Walter Frank Leinhardt

American Studies

Karl Cadem Lemp

Greek and English

Piers Ingersoll Lewis <i>Philosophy</i>	Robert Lester Stern <i>Mathematics</i>
Gustave Vicary Mahler <i>Economics</i>	Robert Theodore Ward <i>Physics</i>
William Harrison Pritchard, Jr. <i>Philosophy</i>	Thomas Campbell Washburn <i>Chemistry</i>
John Charles Rothberg <i>Political Science</i>	Richard Emery Watson <i>Physics</i>
	Robert William Weinstein <i>History</i>

Cum Laude

James Francis Ahearn <i>History</i>	John Thomas Crone <i>Physics</i>
Richard Elliot Behrman <i>Political Science</i>	James Culbertson Daggitt <i>Fine Arts</i>
David Wheeler Blackburn <i>American Studies</i>	Dwight Hills Damon <i>Physics</i>
Robert Walter Boden <i>History</i>	James Benjamin Davis <i>Philosophy</i>
John James Brittain <i>Political Science</i>	Robert Emmet Dillon, Jr. <i>History</i>
Alan Jay Brockman <i>American Studies</i>	Raymond H. Dresser, Jr. <i>Economics</i>
Malcolm Spencer Brown <i>Philosophy</i>	Richard Millar Earle <i>American Studies</i>
Blake Cady <i>Psychology</i>	Leland Stanford Evans, Jr. <i>German</i>
John Loomis Chamberlain, 3rd <i>Biology</i>	Jonathan Rush Fadiman <i>Physics</i>
Davis Chaplin <i>American Studies</i>	Barry Jay Fenton <i>Biology</i>
Alexander Choate <i>Chemistry</i>	Dwight Wesley Fitterer, Jr. <i>Biology</i>
Kenneth Fenton Clark, Jr. <i>Chemistry</i>	Byron Tanner Foster <i>Economics</i>
Malvin Cohn <i>Religion</i>	George Hill Gates <i>American Studies</i>
Monroe Cohn <i>Political Science</i>	Harvey Spalding Gerry, Jr. <i>Political Science</i>
Stephen Cady Coy <i>English</i>	John William Graaskamp <i>Economics</i>

Robert Insley Graham	Michael Charles Palmer
<i>History</i>	<i>Economics</i>
Christopher Morrill Greene	Ian Chipman Pattison
<i>History</i>	<i>Chemistry</i>
Myron Clifton Hamer, Jr.	William John Peverill
<i>Mathematics</i>	<i>American Studies</i>
James Harold Heeremans	Eugene Francis Prosnitz
<i>Mathematics</i>	<i>Political Science</i>
Geoffrey Hendricks	Philip Walter Ransom, Jr.
<i>Fine Arts</i>	<i>Philosophy</i>
George Lester Henry	Nelson James Sarris
<i>Physics</i>	<i>Geology</i>
Alan Potter Johnson	William Gosnell Sayres
<i>English</i>	<i>History</i>
Bertram William Justus	Peter Schrag
<i>Chemistry</i>	<i>American Studies</i>
Joseph Richard Katra, Jr.	James Arthur Smeallie
<i>American Studies</i>	<i>Biology</i>
Dieter Heinrich Keller	Charles McIver Strait
<i>Mathematics</i>	<i>American Studies</i>
Charles Arthur Kelly	Herbert Harris Uhl
<i>English</i>	<i>German</i>
William Greer Kenney	Sterling LeRoy Weaver
<i>Biology</i>	<i>American Studies</i>
Dan Drewry McMullen	Donald Joseph Weiss
<i>Economics</i>	<i>Greek</i>
Richard Clair Mount	Theodore Emory Wentz
<i>Economics</i>	<i>Political Science</i>
Amon Nikoi	John Parks Wheeler
<i>Economics</i>	<i>Economics</i>
Stephen Curtiss Paine	Jerold Benjamin Wilkoff
<i>English</i>	<i>Political Science</i>
Franklin Arthur Wurman	
<i>History</i>	

Rite

Christopher John Aeschlimann	Edward Lion Bonoff, Jr.
William Howard Banks, III	Richard Edward Brennan
James Rhodes Barker	Robert Edwin Brown
Charles Dering Barkwill, Jr.	Robert Winfield Brown
Herbert Almon Bartholomew, III	Robert William Carington
Joseph Bertrand Bengé, Jr.	Austin Baldwin Caswell, Jr.

Edward Tredick Catlett, Jr.
Robert Kenneth Chipman
James Anderson Clark, Jr.
John Harryhill Cleary, Jr.
Stanley Gordon Coates
John Burton Collier
William Wortham Collins
George Lloyd Comfort, Jr.
Leo Warren Connolly, II
Roger Davis Creelman
John Morris Cronkhite
Michael Gardner Crowell
Burleigh Cruikshank, Jr.
Richard Warren Cutting
Laurence Francis DeCarolis
Albert Henry Dickhaut, Jr.
Nathaniel Rogers Dickinson
Norman Doelling
Edward Ashley Eames, II
Silas Ward Gould Edman
Israel Avrum Fingeret
William Arthur Frack, Jr.
Stuart Ross French
William Gird Garrison
James Avery Gast
Norman Horne Gibson
Robert Hadley Gibson
Roger Farthing Goodwin
John Franklin Gordon, Jr.
Roy Alvin Graeber
William James Greer, II
Manson Phillips Hall
Alan Curtis Hampshire
Lawrence William Heinrich, Jr.
John Burnett Holcomb
John Charles Holland
Edwin Albert Horst
John Humphries, III
Richard Adolph Iklé
Carle Frederick Jenkins
Corbet Stephens Johnson, Jr.
Michael Doel Johnson
Thomas Harold Joyce, Jr.

John Samuel Kaufman
Russell Morton Keeney
William Joel Kibler, III
Ronald Walter Koch
Peter Kruidenier
John Benjamin Kunz
Richard Drake Lamberton
Gordon Ames Lameyer
Arnold Julius Landé
Robert Gould Lape
Herrick Briggs Littlefield
Hoyt Mills Long
John Richard Mannheim
Roger Marshall
William Mott Martin
David Warren Mesker
William Luce Millard
Stephen Cornell Miller
John Taylor Mitchell
Robert Owen Morgan
Milton Oscar Moss
Robert Lee Munroe
Alexander Lee Munson
George Arthur Murphy
Edwin Button Neale
Donald Sessions Ostrander
John Norwood Park
William King Peck
Robert Gustave Peterson
Leigh Burtis Putnam, Jr.
Gomer Spieker Rees, Jr.
Charles Joseph Reynolds
John Anthony Rounds
Harry Cogswell Rubicam
John VerNooy Rugg
Robert D. Sacks
Charles William Schellenger
Barret Towles Schleicher
Clifford Allen Schmid
Paul Carl Schmidt
John Randolph Searles
Frank D. deRenard Sekula, Jr.
Donald Allen Simon

George Slight, Jr.
Seward Smith
Anthony Edward Sowers
Reid Canfield Spencer
Donald Wood Sutherland
Thomas Robinson Swanston
Kingsley Arter Taft, Jr.
Albert William Tenney, Jr.
James Ballard Totten
Bernard Dick Wakefield
Raymond Marcus Walls, Jr.
Harold John Walter, Jr.
Mark Stevens Weber
Joseph Ira Wedeen

William Godfrey Weist, Jr.
Bradford Williams West, Jr.
John Gerald White, Jr.
Somers Hayes White
David Kenelm Winslow
Philip Steele Winterer
Floyd Baylie Woodcock
Henry Newbold Woolman, 3rd
David Carl Wurtzel
James Follansbee Wychgel
William Thomas Harvey Youngren
Joseph Edward Zalot
Hubert Raymond Zeller, Jr.
Wray Grayson Zelt, III

MASTER OF ARTS

Harold Berkowitz
Richard Albert Liversage
Evan Thomas Steadman

Honorary Degrees Conferred June 14, 1953

MASTER OF ARTS

Harold F. Johnson, 1918
Paul Addison Chase, ex-1918

DOCTOR OF SCIENCE

Paul Doughty Bartlett, 1928
Preston Rogers Bassett, 1913

DOCTOR OF HUMANE LETTERS

Clifford Lee Lord, 1933
Albert William Atwood, 1903

DOCTOR OF DIVINITY

Paul Austin Wolfe
Frederick Warren Beekman, 1893

DOCTOR OF LAWS

Erwin Nathaniel Griswold
Christian Archibald Herter

Medal for Eminent Service Awarded
June 14, 1953

John Dana Tasker, 1925

Degree Conferred October 17, 1953

MASTER OF ARTS

Wilbur Lee Hartman

IV

Enrollment

Enrollment

FALL SEMESTER

1953-1954

Graduate Students

Bonneville, Mary Agnes
Bos, Ronald R.
Brian, Richard Boring
Brocoum, James C.
Kalafut, Jerome Stephen
Mills, Barbara Elizabeth

Pittsfield, Mass.
Holland, Mich.
Northport, N. Y.
Whitestone, L. I., N. Y.
Duryea, Pa.
Arlington, Va.

Senior Class

Abell, Tyler
Abrams, Robert Marshall
Addington, Keene Harwood
Albert, Burton
Albrecht, John Herman
Allen, Harry S., Jr.
Allodi, Paul Benaglia
Amacher, Melchior Peter
Anderson, Brierly Wadsworth
Anderson, Richard Coveney Edwards
Apthorp, Carl Rufus, III
Armstrong, John Hunter
Armstrong, Thomas Leonard
Barnaby, Charles Howard
Barnes, James John
Bassett, William Akers
Bauer, William Alfred
Baumann, Jacob Bruce
Beecher, Sanford Dent, Jr.
Belcher, Robert Henry
Belevetz, David Roger
Benneyan, Robert Noel
Bishop, Donald Crooker
Black, Craig Call
Blackburn, Thomas Harold
Blakesley, Robert Gordon
Borden, Walter Arnold
Bradford, William Dalton
Braunwald, Jack

Washington, D. C.
Holyoke, Mass.
Lake Forest, Ill.
Waterbury, Conn.
Detroit, Mich.
Lancaster, Pa.
Darien, Conn.
Hillsboro, Ore.
Barrington, Ill.
Pasadena, Calif.
Shaker Heights, Ohio
Belleville, N. J.
Old Greenwich, Conn.
Greencastle, Ind.
St. Paul, Minn.
Ridgefield, Conn.
Auburn, Maine
Fremont, Ohio
Bala-Cynwyd, Pa.
Darien, Conn.
Waterbury, Conn.
White Plains, N. Y.
Brownsville, Vt.
El Paso, Texas
West Englewood, N. J.
Shaker Heights, Ohio
Hartford, Conn.
Rochester, N. Y.
Forest Hills, N. Y.

Brinker, Robert Sawyer	<i>Saltsburg, Pa.</i>
Brown, Kenneth Allen	<i>Warren, Ohio</i>
Bryant, Frederick Copeland, Jr.	<i>Bronxville, N. Y.</i>
Butts, Dean Edward	<i>Elmira, N. Y.</i>
Campbell, Edward Williams, Jr.	<i>Wynnewood, Pa.</i>
Carter, Joseph Hankinson, Jr.	<i>Morrisville, Pa.</i>
Cattell, Hereward Seagreave	<i>Champaign, Ill.</i>
Childs, Maurice Frederick, Jr.	<i>Mt. Vernon, N. Y.</i>
Clapp, Roger Howland	<i>Riverside, Conn.</i>
Clyne, James William	<i>Delmar, N. Y.</i>
Congdon, Walton Greenleaf	<i>Arlington, Vt.</i>
Copsey, Ronald Lynn	<i>Fort Bragg, N. C.</i>
Corson, Edward Winslow, Jr.	<i>Winter Park, Fla.</i>
Coursen, Herbert Randolph, Jr.	<i>Short Hills, N. J.</i>
Cracknell, Robin	<i>Dedham, Mass.</i>
Cressman, Frederick Kehm, Jr.	<i>Souderton, Pa.</i>
Cronin, Dermot Anthony	<i>Newton Centre, Mass.</i>
Culver, Fred Austin	<i>Warren, Ohio</i>
Daugherty, James Carroll	<i>Wynnewood, Pa.</i>
Davidson, Matthew Henry, III	<i>Alamonte Springs, Fla.</i>
Dean, Lee Wallace, III	<i>Clayton, Mo.</i>
Deutsch, Irwin Frederick	<i>Scarsdale, N. Y.</i>
Dickerman, Robert Davison	<i>Taunton, Mass.</i>
Dobson, David Carrington	<i>Great Neck, N. Y.</i>
Dubin, Seth Harris	<i>New York, N. Y.</i>
Eck, Philip Ross	<i>Great Neck, N. Y.</i>
Edelstein, Haskell	<i>Albany, N. Y.</i>
Elden, John Aten	<i>Shaker Heights, Ohio</i>
Engelsman, Alan David	<i>New York, N. Y.</i>
Esty, David Cameron	<i>Amherst, Mass.</i>
Ewing, John Thomas	<i>Rydal, Pa.</i>
Fendrick, Gerald Martin	<i>Brooklyn, N. Y.</i>
Ferguson, John Stanley	<i>South Orange, N. J.</i>
Fieleke, Norman Siegfried	<i>Momence, Ill.</i>
Fisher, William Howard, Jr.	<i>Malden, Mass.</i>
Frank, David Milton	<i>Richmond Heights, Mo.</i>
Freeman, John Mark	<i>Kings Point, N. Y.</i>
Freeman, Russell Adams	<i>Delmar, N. Y.</i>
Friedlander, William Alfred	<i>Wyoming, Ohio</i>
Galef, Andrew Geoffrey	<i>White Plains, N. Y.</i>
Gamble, Richard Ross	<i>Batavia, N. Y.</i>
Gardiner, Robert Worthington	<i>Rockport, Mass.</i>
Gebauer, Adam George	<i>Short Hills, N. J.</i>

Glassbrook, Grant Frederick, Jr.	<i>Shiremanstown, Pa.</i>
Goldberg, David Reuben	<i>Toledo, Ohio</i>
Goodhue, Peter Ames	<i>Fort Fairfield, Maine</i>
Gordon, Robert, III	<i>Garden City, N. Y.</i>
Gotoff, Samuel Peter	<i>New York, N. Y.</i>
Gould, Roderick	<i>Rochester, N. Y.</i>
Gove, Gilbert English	<i>Birmingham, Mich.</i>
Grant, John Phillips, Jr.	<i>New Canaan, Conn.</i>
Griffin, Burt Wagner	<i>Cleveland, Ohio</i>
Grimstad, Charles Morrow	<i>Pittsburgh, Pa.</i>
Hanselman, John William	<i>White Plains, N. Y.</i>
Hanselman, Raymond Bush	<i>White Plains, N. Y.</i>
Hargreaves, John Albert	<i>Willimantic, Conn.</i>
Hart, Stephen Ives	<i>West Hartford, Conn.</i>
Harvey, Carroll Sherlock, Jr.	<i>Dover, Mass.</i>
Hazlett, Samuel Rohrer	<i>Glenside, Pa.</i>
Heffernan, Thomas Francis	<i>Dallas, Pa.</i>
Henke, Bradley Fowlkes	<i>Seattle, Wash.</i>
Higgins, Richard Cyril	<i>Manchester, Conn.</i>
Hilgartner, Charles Andrew	<i>Austin, Texas</i>
Hodgen, Robert Trudel	<i>Belchertown, Mass.</i>
Hoitsma, Derrik Cutten	<i>Shaker Heights, Ohio</i>
Hollister, Bruce Finch	<i>Summit, N. J.</i>
Hornberger, Robert Howard	<i>Roebing, N. J.</i>
Howard, Graeme Keith, Jr.	<i>Norfolk, Conn.</i>
Huggins, David Glenn	<i>Rochester, N. Y.</i>
Hunter, Peter Crow	<i>Allison Park, Pa.</i>
Hunziker, Robert McKee	<i>Upper Montclair, N. J.</i>
Hyde, Paul Litchfield	<i>Hudson, Ohio</i>
Ickler, John Lower	<i>Wyncote, Pa.</i>
Jenkins, Thomas Shaeffer	<i>Canton, Ohio</i>
Jensen, Julius, III	<i>St. Louis, Mo.</i>
Jones, David Owen	<i>Glenview, Ill.</i>
Jordan, Richard David	<i>White Plains, N. Y.</i>
Kambour, Roger Peabody	<i>Warren, Mass.</i>
Kaplan, Richard Norton	<i>Worcester, Mass.</i>
Keener, Jefferson Ward, Jr.	<i>Akron, Ohio</i>
Kenefick, Austin Walsh	<i>Holyoke, Mass.</i>
Kershlis, William Robert, Jr.	<i>Amherst, Mass.</i>
Kirsch, David Alan	<i>Brooklyn, N. Y.</i>
Kling, Peter Madsen	<i>North Attleboro, Mass.</i>
Knight, Thomas Roger	<i>Feeding Hills, Mass.</i>
Krueger, William Emmett	<i>Pasadena, Calif.</i>

Lacey, E. Bradford	<i>St. Louis, Mo.</i>
Laux, Dean Merrill	<i>Dalton, Mass.</i>
Lea, Scott Carter	<i>Haddonfield, N. J.</i>
Leigh, Jonathan Weiller	<i>Great Neck, N. Y.</i>
Lessell, Simmons	<i>Forest Hills, N. Y.</i>
Leviston, William Baird, Jr.	<i>Melrose, Mass.</i>
Lewis, Thomas West	<i>Elsmere, N. Y.</i>
Lindberg, Donald Allan Bror	<i>Brooklyn, N. Y.</i>
Linehan, David Chase	<i>Hammondsport, N. Y.</i>
Little, Thomas Malcolm	<i>Narberth, Pa.</i>
Longsworth, Maurice Alfred, Jr.	<i>Wellesley Hills, Mass.</i>
Lundeen, David Franklin	<i>Fergus Falls, Minn.</i>
McCabe, James Tyson	<i>Arlington, Vt.</i>
McClay, John Bigelow, II	<i>Pittsburgh, Pa.</i>
McCormick, Douglas Donald	<i>Dearborn, Mich.</i>
McIntosh, Duncan Ames	<i>Bronxville, N. Y.</i>
McIntyre, Harry James, Jr.	<i>Scarsdale, N. Y.</i>
MacPhail, Richard Albert	<i>New Bedford, Mass.</i>
Mahar, Anthony Spencer	<i>Northville, N. Y.</i>
Malcolm, Walter David, Jr.	<i>Hingham, Mass.</i>
Mead, William Grimston	<i>Brooklyn, N. Y.</i>
Melick, Edwin Farlee	<i>Neshanic Station, N. J.</i>
Miller, John Arthur	<i>Perth Amboy, N. J.</i>
Millis, Walter, III	<i>New York, N. Y.</i>
Mitchell, Matthew Palmer	<i>Old Greenwich, Conn.</i>
Mitchell, Thomas Lee	<i>Williamsville, N. Y.</i>
Moore, Frederick Cromwell	<i>Easton, Pa.</i>
Nail, Charles Edwin, Jr.	<i>Mansfield, Ohio</i>
Nichols, John Leonard	<i>Rochester, N. Y.</i>
Nixon, James Alexander	<i>West Hartford, Conn.</i>
Norman, Hilary Milord	<i>Houston, Texas</i>
O'Brian, Harold Samuel, Jr.	<i>Philadelphia, Pa.</i>
O'Brien, Robert Alfred, Jr.	<i>Suffolk, Va.</i>
Okumura, Shigeru	<i>Kyoto, Japan</i>
Oresman, Stephen Bergel	<i>New York, N. Y.</i>
Orr, John Gillespie	<i>Buffalo, N. Y.</i>
Oster, Jon Franklin	<i>Baltimore, Md.</i>
Oxman, Leon Morris	<i>New York, N. Y.</i>
Pagter, Ralph Gibson	<i>Washington, D. C.</i>
Pastore, Richard Steel	<i>Chatham, N. J.</i>
Patten, John Michael	<i>Bloomfield Hills, Mich.</i>
Patton, Richard Weston	<i>Highland Park, Ill.</i>
Pearson, James Walker	<i>Pawhuska, Okla.</i>

Pellman, Carl Meyer
 Pennels, Stuart Alan
 Perez, Giovi
 Peters, Ralph William, Jr.
 Pfund, Peter Harry
 Plimpton, Oakes Ames
 Poor, Richard Sumner
 Powell, Ralph Dewey, Jr.
 Prentiss, Richard Craig
 Price, Meredith
 Purdy, John Earl, Jr.
 Rassweiler, John Hancock
 Rayner, Lawrence, Jr.
 Redner, Keith Hamilton, Jr.
 Richardson, James Harrington
 Rogers, Peter Marx
 Rohde, Harry Quinn
 Rosenthal, Jon Kenneth
 Rotner, Robert Loren
 Roy, Arthur Richard, Jr.
 Rutter, Marshall Anthony
 Safford, Nicholas Heath
 Sandy, Alan Francis, Jr.
 Scandrett, Dwight Morrow
 Schapiro, Robert Harris
 Scherrer, John Charles
 Schneider, Robert Andrew
 Schreiber, Hans William
 Seham, Martin Charles
 Shaner, William MacBride, Jr.
 Sherman, John C.
 Sherwood, Peter Frederick
 Silbaugh, Hugh Reber, Jr.
 Simpson, David Robert Lusby
 Smith, Charles Mason
 Smyth, Winfield Scott
 Soffer, Richard Lubert
 Spector, Eugene W.
 Spiegelman, Irwin Morton
 Spofford, Edward Washburn
 Storms, Clifford Beekman
 Sturtevant, Richard Clifford
 Taft, William Wilson

Brooklyn, N. Y.
Wilmette, Ill.
Springfield, Mass.
Rochester, N. Y.
Ardmore, Pa.
New York, N. Y.
Maplewood, N. J.
Weston, Mass.
Lyon Station, Pa.
Chevy Chase, Md.
Brooklyn, N. Y.
Short Hills, N. J.
Chicago, Ill.
Battle Creek, Mich.
Amherst, Mass.
Wayzata, Minn.
River Forest, Ill.
New York, N. Y.
Yonkers, N. Y.
Amherst, Mass.
Pottstown, Pa.
Wellesley Hills, Mass.
Minneapolis, Minn.
Cornwall, N. Y.
Elizabeth, N. J.
Greenwich, Conn.
Hamburg, N. Y.
Manhasset, N. Y.
Brooklyn, N. Y.
Wynnewood, Pa.
Washington, D. C.
Westport, Conn.
Binghamton, N. Y.
White Plains, N. Y.
Bethel, Maine
Needham, Mass.
New York, N. Y.
Clayton, Mo.
Jamaica, N. Y.
Lee, Mass.
Pelham Manor, N. Y.
Pelham, N. Y.
Shaker Heights, Ohio

Talbott, Thomas Linville
 Tank, Edward Sylvan, Jr.
 Tapley, David Ault
 Tayler, Edward William
 Tener, Hampden Evans
 Ting, Robert Chin-Yao
 Towle, William Foley
 Towner, Reginald Finch, Jr.
 Townsend, Vincent Francis
 Tseckares, Socrates Nicholas
 Tulgan, Henry
 Tulloch, George Sherlock, Jr.
 Turner, Raymond William, Jr.
 Underwood, David Gleason, II
 Vander Clute, Norman Roland
 Van Wie, Robert Stanton
 VerNooy, Stewart Anderson, Jr.
 Vester, Bruce Bennett
 Walter, Eugene Julian, Jr.
 Warner, Edwin Gaylord, II
 Watson, George Graham, Jr.
 Weil, Fredric E.
 Weilepp, George Waite
 Weldon, James Eugene
 Werner, Burton Kay
 Werner, Frederic Philip
 West, Calvin Sherwood, Jr.
 Whitmore, Stephen Carr
 Whitney, William Elliot, Jr.
 Wiegand, Jeffery William
 Wilbor, Guy Wyman
 Wilcox, William Warner
 Wilharm, John Henry, Jr.
 Willemson, Richard Martin
 Williams, John Anthony
 Winter, Donald Ferguson
 Wood, Bourdette Rood, Jr.
 Woodward, William VanNeste
 Zins, Arnold George

Fayetteville, N. Y.
Western Springs, Ill.
New Rochelle, N. Y.
Westfield, N. J.
Coraopolis, Pa.
Hong Kong, China
St. Paul, Minn.
Upper Montclair, N. J.
Clayton, Mo.
Concord, N. H.
Brooklyn, N. Y.
Merrick, N. Y.
Brooklyn, N. Y.
Holden, Mass.
Rockville Centre, N. Y.
Larchmont, N. Y.
Cortland, N. Y.
Portland, Oregon
Normandy, Mo.
Washington, D. C.
Chicopee Falls, Mass.
Shaker Heights, Ohio
Upper Montclair, N. J.
Glenside, Pa.
St. Louis, Mo.
Great Neck, N. Y.
Jamesville, N. Y.
Holyoke, Mass.
Hurley, N. Y.
Old Greenwich, Conn.
Highland Park, Ill.
Geneseo, N. Y.
Shaker Heights, Ohio
York Mills, Ontario, Canada
East Orange, N. J.
Rahway, N. J.
Shaker Heights, Ohio
Kingston, R. I.
Haverhill, Mass.

Junior Class

Ackell, Joseph James
 Alden, Thomas Hyde

Bellaire, N. Y.
Swarthmore, Pa.

Alder, Thomas Paterson
 Aliber, Gilbert Donald
 Allen, Albert Walker, Jr.
 Allen, Ralph Gilmore
 Allen, Robert Randolph
 Anderson, Edwin Nathaniel, Jr.
 Anderson, John Hornsey Cowan
 Andrews, James Harper
 Atkinson, Thomas Edmund
 Ault, Addison
 Ayers, Gerard Ernest
 Basalo, Rudolph Joseph
 Baskin, Jevne Duncan
 Basseches, Robert Treinis
 Bassett, Edward Murray
 Baughman, Richard DeWeese
 Baum, Richard Samuel
 Baumert, Edward Charles, III
 Beardwood, Donald Matthew
 Beaven, Bruce Wetmore
 Benson, Gerald
 Bergren, Richard Victor, Jr.
 Bepaloff, Alexis Jacques
 Bixler, David Daniel
 Blair, Stephen Batcheller, Jr.
 Blumenberg, Robert Murray
 Blyth, Charles Ramsay, Jr.
 Bobrinskoy, George Vladimir, Jr.
 Born, Dirck Ten Broeck
 Bower, Mason James
 Brayer, James Douglas
 Brickett, Malcolm Hoyt
 Brown, Alling Christian
 Brown, Norman Edward
 Buel, Richard Van Wyck, Jr.
 Bunnell, Bradford Noble
 Burdette, Hugh Carter
 Burkard, Herbert Lawrence
 Burleigh, William Edward
 Burns, Allen Anderson
 Campbell, John Branfield
 Carstensen, Thomas Blaylock

Glencoe, Ill.
Greenfield, Mass.
Ardsley-on-Hudson, N. Y.
Philadelphia, Pa.
Westfield, N. J.
Longmeadow, Mass.
Summit, N. J.
Kewanee, Ill.
Paterson, N. J.
Waban, Mass.
Brooklyn, N. Y.
Caracas, Venezuela
Minneapolis, Minn.
Scarsdale, N. Y.
Rockville Centre, N. Y.
Wellesley Hills, Mass.
Detroit, Mich.
New York, N. Y.
Melrose Park, Pa.
Kenilworth, Ill.
New York, N. Y.
White Plains, N. Y.
New York, N. Y.
Bronxville, N. Y.
Fitzwilliam, N. H.
Gloversville, N. Y.
Burlingame, Calif.
Chicago, Ill.
Boston, Mass.
Corning, N. Y.
Rochester, N. Y.
Wellesley Hills, Mass.
Lake Forest, Ill.
Pelham, Mass.
Morristown, N. J.
West Hartford, Conn.
Pampa, Texas
New York, N. Y.
Tavares, Fla.
Cleveland, Ohio
Newark, N. J.
Portland, Ore.

Clark, Roger Browne
 Cobau, William Weinschenk
 Cole, William Richard, 3rd
 Conover, Frederic King, II
 Coon, Henry Leland
 Cooper, Charles S., III
 Cowan, Michael Norton
 Crook, William Wallace
 Cuyler, Lewis Carter
 Davenport, Samuel Chase
 Davidson, Christopher Holland
 Davis, Richard Guenther
 Dean, George Aloysius, Jr.
 Desenberg, Jon Phillips
 Dillon, James McNulty
 Dirks, Richard Alan
 Dorrell, Walter Ward, Jr.
 Douglass, Norman Wardwell
 Downey, Francis Aloysius, Jr.
 Duffy, William Bernard, Jr.
 Earle, Ralph, Jr.
 Eckardt, Robert Remick
 Endriss, James Wagner
 Epstein, Jerome Ronald
 Evans, James Merrill
 Fagles, Robert
 Falsgraf, William Wendell
 Farr, Jan Richard
 Felt, John Traver
 Ferner, David Charles
 Ferré, Antonio Luis
 Field, Martin Lewis
 Fillman, Jeffrey Andrew
 Flegal, Howard Bruce
 Florance, Edwin Trent
 Flynn, Richard Brian
 Forbes, Gordon Marshall
 Fox, Robert Yale
 Francisco, William Henry
 Frank, Seth Edward
 Franklin, Howard Bruce
 Franzen, Neil Alan
 French, Edward Crossett

Webster Groves, Mo.
New Castle, Pa.
North Amherst, Mass.
Chevy Chase, Md.
Bronxville, N. Y.
Garden City, N. Y.
New York, N. Y.
Rosindale, Mass.
Princeton, N. J.
Riverside, Conn.
Schenectady, N. Y.
Great Neck, N. Y.
New York, N. Y.
Detroit, Mich.
Buffalo, N. Y.
Syracuse, N. Y.
Bronxville, N. Y.
Verona, N. J.
Holyoke, Mass.
North Andover, Mass.
Jenkintown, Pa.
Port Washington, N. Y.
Mansfield, Ohio
New York, N. Y.
Cresson, Pa.
Bala-Cynwyd, Pa.
Shaker Heights, Ohio
Syracuse, N. Y.
New Hartford, N. Y.
Rochester, N. Y.
Ponce, Puerto Rico
Excelsior, Minn.
New York, N. Y.
New Orleans, La.
Summit, N. J.
Hallowell, Maine
Birmingham, Mich.
Dobbs Ferry, N. Y.
Middletown, Conn.
Brooklyn, N. Y.
Brooklyn, N. Y.
Itasca, Ill.
La Jolla, Calif.

Friedrich, Eugene William
 Frum, Austin Pendleton
 Frymoyer, William Kimball
 Gallagher, George Cromwell
 Gamble, William Gardner
 Ginsberg, Stanley Arthur
 Goldstone, Steven Peter
 Good, James Edward, II
 Grant, Herbert Leonard
 Grant, Robert Ernest
 Gray, Dana Gordon
 Greely, Philip Allen
 Greene, Lewis Joel
 Gregson, Ronald Edgar
 Grunebaum, Richard Ernest
 Hagstrom, Jack Walter
 Haller, Robert Spencer
 Halsted, John Scarlett
 Hamilton, George William, Jr.
 Hammond, John Wilkes, II
 Hanks, James Philip
 Hanschka, Mark Richard
 Hardy, Edward Keasbey, III
 Hart, John Schuyler
 Head, Henry Buchen
 Heilman, Richard Spaulding
 Helmreich, Paul Christian
 Henderson, Josiah Robert
 Henshaw, Lewis Johnson, Jr.
 Herd, J. Robert
 Hertz, Fredric Martin
 Hiatt, John Alfred
 Hicks, James Everett
 Hildreth, Robert Lee
 Hinrichs, Walter Edwin
 Hobbs, Frederick Howard
 Hommeyer, Paul von Hofen
 Hopkins, Martin Edward
 Ittner, James Francis
 Jedrey, Robert Leonard
 Johanson, Bradford
 Joy, William Joseph
 Judd, Edward Payson

Washington, D. C.
Cleveland, Ohio
Foxboro, Mass.
Washington, D. C.
Batavia, N. Y.
Far Rockaway, N. Y.
Brooklyn, N. Y.
London, England
Brooklyn, N. Y.
Westfield, N. J.
Nappanee, Ind.
Springfield, Mass.
Ardsley, N. Y.
Harmony, R. I.
Scarsdale, N. Y.
Rockford, Ill.
Bethesda, Md.
Kennett Square, Pa.
Indianapolis, Ind.
Cambridge, Mass.
Newton Centre, Mass.
Montclair, N. J.
Glencoe, Ill.
Pittsfield, Mass.
Evanston, Ill.
Villanova, Pa.
Brunswick, Maine
Rochester, N. Y.
Cincinnati, Ohio
Merion, Pa.
Forest Hills, N. Y.
Minneapolis, Minn.
Worcester, Mass.
West Springfield, Mass.
Lake Success, N. Y.
Pottsville, Pa.
Wayzata, Minn.
Bronxville, N. Y.
Kirkwood, Mo.
Gloucester, Mass.
Avon, Conn.
Amherst, Mass.
Shaker Heights, Ohio

Kallet, Anthony	<i>New York, N. Y.</i>
Kaplan, Philip Jeffrey	<i>New Rochelle, N. Y.</i>
Karch, George Frederick, Jr.	<i>Shaker Heights, Ohio</i>
Keller, Henry Steven	<i>Shaker Heights, Ohio</i>
Kendrick, Thomas Ryland	<i>Brunswick, Maine</i>
Kessler, Stanton Alfred	<i>Highland Park, Ill.</i>
Kirschenbaum, Stephen Ira	<i>New York, N. Y.</i>
Kisiel, Robert John	<i>Holyoke, Mass.</i>
Kitchell, Webster Lardner	<i>Newbury, Mass.</i>
Kolb, Harold Hutchinson, Jr.	<i>Wellesley Hills, Mass.</i>
Kopp, Charles Gilbert	<i>Avon, Conn.</i>
Kuniholm, Paul Isaac	<i>Gardner, Mass.</i>
LaFollette, Gerry Campbell	<i>Corning, N. Y.</i>
Lally, Kenneth Richard	<i>Holyoke, Mass.</i>
Lamm, Michael Emanuel	<i>Brooklyn, N. Y.</i>
Langs, Richard John	<i>Detroit, Mich.</i>
Lansdowne, Robert Somerset	<i>Buffalo, N. Y.</i>
Lawrenz, David Roger	<i>Lakeville, Conn.</i>
Lehrman, Robert Orrin	<i>Great Neck, N. Y.</i>
Lemal, David Markham	<i>Fanwood, N. J.</i>
Levy, Frederic David	<i>New York, N. Y.</i>
Lewis, John Francis	<i>Oberlin, Ohio</i>
Lindem, Martin Carl, Jr.	<i>Salt Lake City, Utah</i>
Litchfield, Ticknor Bushnell	<i>Mamaroneck, N. Y.</i>
Long, Robert Charles	<i>Los Angeles, Calif.</i>
Long, Theodore Dixon	<i>Warren, Ohio</i>
Lowenfield, Ralph Albert, Jr.	<i>El Paso, Texas</i>
Maccagnan, Victor	<i>Lakeville, Conn.</i>
MacDonald, Donald Hugh	<i>Seal Harbor, Maine</i>
MacDougall, Robert Donald	<i>Wynnewood, Pa.</i>
McFarlane, Willis McKee	<i>Shaker Heights, Ohio</i>
McGirr, Francis William, Jr.	<i>Saratoga Springs, N. Y.</i>
McGovern, James Bruce	<i>Winchester, Mass.</i>
McLean, Joseph Alan	<i>Ayer, Mass.</i>
McLendon, Frederick Earl, Jr.	<i>Atlanta, Ga.</i>
MacLennan, Everett Wood	<i>Braintree, Mass.</i>
Mairs, Angus McLeod	<i>St. Paul, Minn.</i>
Maras, Robert Bernard	<i>Shaker Heights, Ohio</i>
Marasco, Alan Lester	<i>Chappaqua, N. Y.</i>
Marcus, Donald Jay	<i>Wynnewood, Pa.</i>
Marion, John Addison	<i>Maplewood, N. J.</i>
Marks, Walter	<i>New York, N. Y.</i>
Marrack, Alexander Case	<i>Honolulu, T. H.</i>

Mayer, Frank Dewey, Jr.	<i>Chicago, Ill.</i>
Mermelstein, David	<i>Baltimore, Md.</i>
Merrill, Charles Francis	<i>Mendham, N. J.</i>
Metcalf, Thomas Richard	<i>Syracuse, N. Y.</i>
Miller, Leigh Douglas	<i>Winnetka, Ill.</i>
Minster, Joel Shaw	<i>Drexel Hill, Pa.</i>
Mizoguchi, Michio	<i>Kamakura, Japan</i>
Morano, Anthony Albert	<i>Greenwich, Conn.</i>
Morgan, George Sumner Barton	<i>Amherst, Mass.</i>
Morgan, Roger Phillip	<i>Cromwell, Conn.</i>
Morse, Kingsley Gates	<i>Pasadena, Calif.</i>
Morway, Lawrence Emerson	<i>Delmar, N. Y.</i>
Moses, Abe Joseph	<i>Springfield, Mass.</i>
Moses, Horace Chester, III	<i>Winnetka, Ill.</i>
Moulton, Hugh Geoffrey	<i>Weston, Mass.</i>
Muskat, Michael Spencer	<i>Newtown, Pa.</i>
Nash, Clyde Lester, Jr.	<i>Cleveland, Ohio</i>
Noble, Holcomb Ballou	<i>East Hartford, Conn.</i>
Norden, William Simon	<i>Brooklyn, N. Y.</i>
Oestermeyer, Carl Frederick	<i>Shaker Heights, Ohio</i>
Ormsby, David George	<i>Waterford, N. Y.</i>
Paino, Domenic Joseph	<i>Malden, Mass.</i>
Palmer, Robert Noble, Jr.	<i>Great Neck, N. Y.</i>
Parsons, Donald Seymour	<i>Amherst, Mass.</i>
Patten, Julian Hardy, II	<i>Washington, D. C.</i>
Paulson, Donald Erwin	<i>Newton Highlands, Mass.</i>
Peil, James Francis	<i>Racine, Wis.</i>
Penfield, Paul Livingstone, Jr.	<i>Birmingham, Mich.</i>
Perry, Gordon Bangs	<i>Dedham, Mass.</i>
Peverill, Jack Arthur	<i>Sarasota, Fla.</i>
Pfaelzer, Ellard Louis, Jr.	<i>Chicago, Ill.</i>
Phelps, Edmund Strother, Jr.	<i>Hastings-on-Hudson, N. Y.</i>
Phillips, George Jackson, Jr.	<i>Baltimore, Md.</i>
Pierre, André Jules Marie	<i>New York, N. Y.</i>
Pimlott, Charles Herman, Jr.	<i>Shaker Heights, Ohio</i>
Plotkin, Gerald Rodman	<i>Waban, Mass.</i>
Pope, Frederick Seth	<i>Hyde Park, Mass.</i>
Pray, Monroe, Jr.	<i>Highland Park, N. J.</i>
Pydych, Charles Paul	<i>Longmeadow, Mass.</i>
Rabinowitz, Ivan James	<i>Stamford, Conn.</i>
Raegner, Louis Christian, III	<i>Ossining, N. Y.</i>
Rainey, Francis Barto, III	<i>Canton Center, Conn.</i>

Reed, Robert Tyler	<i>Kansas City, Mo.</i>
Rees, William Wendell	<i>Albany, N. Y.</i>
Resch, John Tyler	<i>New Rochelle, N. Y.</i>
Riggs, Robert McCutchan	<i>Bronxville, N. Y.</i>
Robbins, Michael Daniel, Jr.	<i>West Englewood, N. J.</i>
Robins, Irwin Brody	<i>Needham, Mass.</i>
Rogers, Charles Robertson, II	<i>Princeton, N. J.</i>
Rose, William Elliott	<i>Wynnewood, Pa.</i>
Rosenberg, Arthur Henry	<i>Ventnor, N. J.</i>
Royce, Robert Stephen	<i>Dedham, Mass.</i>
Ruegg, Edward Lavino	<i>Philadelphia, Pa.</i>
Runser, Frank Burkart, Jr.	<i>East Orange, N. J.</i>
Ryder, Richard Edward, Jr.	<i>West Hartford, Conn.</i>
Sahl, Michael Donald	<i>New York, N. Y.</i>
Salisbury, John William, Jr.	<i>Philadelphia, Pa.</i>
Schellenger, Edward Markley, Jr.	<i>Berwyn, Pa.</i>
Schick, Harold Godfrey Jacob, Jr.	<i>Highland Park, Ill.</i>
Schultz, Roger Anthony	<i>Flushing, N. Y.</i>
Schumacher, James Wesley	<i>Wyncote, Pa.</i>
Scott, Peter Wells	<i>Western Springs, Ill.</i>
Seasholes, Ernest Van Benschoten	<i>Shaker Heights, Ohio</i>
Seward, Halvor Richardson, Jr.	<i>Brookline, Mass.</i>
Shaw, Robert Stuart	<i>New Rochelle, N. Y.</i>
Shelton, Napier	<i>Washington, D. C.</i>
Sheppard, Edson Peaslee, Jr.	<i>Sparks, Nev.</i>
Shillington, John Joseph, Jr.	<i>Webster Groves, Mo.</i>
Simpson, Jan Winn	<i>Melbourne Beach, Fla.</i>
Slavin, Richard Paul	<i>New Rochelle, N. Y.</i>
Smith, Richard Ellis	<i>New York, N. Y.</i>
Soltz, Robert Louis	<i>Shaker Heights, Ohio</i>
Sorenson, Ralph Zellar, Jr.	<i>Mansfield, Ohio</i>
Sowersby, Robert Philip	<i>Kenilworth, Ill.</i>
Spear, John Ashcroft, Jr.	<i>Farmington, Conn.</i>
Spencer, Robert Whittlesey	<i>Newton, N. J.</i>
Starodoj, Thomas Stanley, Jr.	<i>Ware, Mass.</i>
Steinhauer, Bruce William	<i>Toledo, Ohio</i>
Stephenson, George Edward, Jr.	<i>Braintree, Mass.</i>
Stern, Carl William	<i>Garden City, N. Y.</i>
Stone, James Rae	<i>Pittsburgh, Pa.</i>
Strand, Richard Edward	<i>St. Paul, Minn.</i>
Swinchatt, Peter Francis Ellis	<i>Larchmont, N. Y.</i>
Tague, James Andrew	<i>Amherst, Mass.</i>
Tank, Deane Henry	<i>Western Springs, Ill.</i>

Tapley, John Canfield, Jr.
 Tehan, William Henry, Jr.
 Tonidandel, Ronald Louis
 Tudhope, James Brockett, Jr.
 Tulchin, Herbert Jacob
 Turner, Clyde Robin
 Underwood, Charles Brown
 Uricchio, Joseph Vincent, Jr.
 Vance, William Abel
 Van Hoesen, David Mynderse
 Van Jones, Lee Thomas
 Wanger, Eugene Gilkison
 Warren, William Ezra
 Weinman, David Nelson
 Whitney, Robert Byron, Jr.
 Wilson, Thomas Adams
 Wise, Anthony John, III
 Wolff, L. Carl
 Woodburn, James Milton
 Wright, Richard Warner
 Wykoff, Peter Claesen
 Wykoff, Thomas William
 Wyn, Ronald Eric
 Yarnall, Stephen Robbins
 Young, Robert Berryhill
 Zimmerman, Robert Harris

Holley, N. Y.
Auburn, N. Y.
Stafford Springs, Conn.
Gardner, Mass.
New York, N. Y.
West Hartford, Conn.
Buffalo, N. Y.
West Hartford, Conn.
Seattle, Wash.
San Mateo, Calif.
Rye, N. Y.
Lansing, Mich.
Murray Hill, N. J.
New Canaan, Conn.
Amherst, Mass.
Baltimore, Md.
Pittsburgh, Pa.
Elkins Park, Pa.
Williamsville, N. Y.
South Harwich, Mass.
Shaker Heights, Ohio
Shaker Heights, Ohio
Larchmont, N. Y.
Birmingham, Mich.
Summit, N. J.
Pottsville, Pa.

Sophomore Class

Amaker, Norman Carey
 Anderson, James Peter
 Anderson, John Whiting
 Anderson, Robert Andrew
 Andrews, Earnest Tisdale, III
 Angelides, Alexander Constantine
 Anthony, Henry Franklin, II
 Aronchick, Michael Peter
 Asplundh, Kurt Horigan
 Atkinson, Karl Sinclair
 Atlas, James Robert
 Baird, William Ridenour
 Ball, Robert Markham
 Barker, Richard Prescott
 Bedford, Crayton Ward

New York, N. Y.
Glens Falls, N. Y.
Highland Park, N. J.
New Canaan, Conn.
Avon, Conn.
Berlin, N. H.
Providence, R. I.
Brooklyn, N. Y.
Bryn Athyn, Pa.
Washington, D. C.
Waterbury, Conn.
Akron, Ohio
Wilmington, Del.
Yonkers, N. Y.
Middlebury, Vt.

Beebe, David Scott	<i>Amherst, Mass.</i>
Bias, Daniel Buchanan	<i>Santa Cruz, Calif.</i>
Birge, Clifford Allen	<i>St. Louis, Mo.</i>
Blackburn, James Clark	<i>Rosemont, Pa.</i>
Bliss, John Williams	<i>Greenwich, Conn.</i>
Blodgett, Edward Dickinson, Jr.	<i>Haddonfield, N. J.</i>
Bloomer, Harold Franklin, Jr.	<i>Riverside, Conn.</i>
Boley, Benjamin William	<i>Brooklyn, N. Y.</i>
Bradley, Bruce Vernon	<i>Springfield, Mass.</i>
Branigin, Robert Mardis	<i>Lafayette, Ind.</i>
Brown, Nicholas Barry	<i>Rochester, N. Y.</i>
Budd, Matthew Alan	<i>Newton Centre, Mass.</i>
Buebendorf, Donald Philip	<i>Chappaqua, N. Y.</i>
Burlingham, John Stewart	<i>Portland, Ore.</i>
Carlson, Paul Verner	<i>Summit, N. J.</i>
Carter, Thomas Jerrell, Jr.	<i>Portsmouth, N. H.</i>
Carty, James Robert	<i>Rockville Centre, N. Y.</i>
Chaitovitz, Samuel Alfred	<i>New York, N. Y.</i>
Chance, Guy Pix	<i>Saranac Lake, N. Y.</i>
Cobb, Charles Sherman, III	<i>Pasadena, Calif.</i>
Cogan, Jerry Albert, Jr.	<i>Bayside, N. Y.</i>
Congdon, Stephen Leeds	<i>Arlington, Vt.</i>
Corson, George Cadwallader, Jr.	<i>Plymouth Meeting, Pa.</i>
Cramer, Erich Hans Otto Ernest	<i>South Hadley, Mass.</i>
Crames, Michael Jay	<i>Scarsdale, N. Y.</i>
Crosby, Lawrence Roy, Jr.	<i>Laconia, N. H.</i>
Crossley, George Randolph	<i>West Hartford, Conn.</i>
Crothers, George Michael	<i>New York, N. Y.</i>
Crowell, Alexander Marcy	<i>Riverton, N. J.</i>
Damon, Allan Lincoln	<i>Springfield, Mass.</i>
Danielson, Winfield Scott, Jr.	<i>West Englewood, N. J.</i>
Davis, John Oliver	<i>New Rochelle, N. Y.</i>
Davis, Steven Ilsley	<i>Glens Falls, N. Y.</i>
Dibble, Edward Fletcher	<i>West Hartford, Conn.</i>
Disston, Geoffrey Whitmore	<i>New York, N. Y.</i>
Dunwoody, Joseph, Jr.	<i>Troy, N. Y.</i>
Eades, Joseph William	<i>St. Louis, Mo.</i>
Edwards, Ned Wolfe	<i>Merriam, Kansas</i>
Eisenthal, Robert Simon	<i>New York, N. Y.</i>
Eisold, Kenneth Robert	<i>New York, N. Y.</i>
Ellis, Arthur Boris	<i>Hartford, Conn.</i>
Elton, William Johnson, II	<i>Army Chemical Center, Md.</i>
England, Robert	<i>Bethesda, Md.</i>

Epstein, Robert Erwin
 Esty, Charles Place
 Evans, Robert Lindsay
 Eveleth, John Prentiss
 Falk, Morris Stephen
 Farnand, Patrick Godfrey
 Fay, Robert Sargent
 Feinberg, Jack Heyman
 Felfe, Claus
 Fenn, Don Frederick
 Fish, William Charles
 Flemma, George Robert John
 Fossett, Birchard Clary
 Foster, John Winthrop
 Foster, Paul Gary
 Fourman, Richard George
 Frank, Alfred, Jr.
 Freeman, James Arthur
 Fulton, John Mayhew
 Funkhouser, John Gray
 Funnell, William Brewster
 Gams, Richard Alan
 Gask, Michael Mason
 Gately, Barry deOrmond
 Glassie, Donelson Caffery
 Goldman, Michael Ira
 Goldthwait, John Abbey
 Goodkind, John Morton
 Goold, Peter
 Goss, Thomas Lanius
 Gotoff, Harold Charles
 Greene, Ralph Edward
 Griffith, John Quintin, III
 Grousbeck, Harold Irving, II
 Gutmann, Frank Trafton
 Hall, Joseph Edward, Jr.
 Hammons, James Hutchinson
 Hamrin, Robert Sundell
 Harris, John Edward Crane
 Harris, Joseph Macdonald, Jr.
 Harvey, James Gerald
 Hauser, Richard Paul
 Hawke, Roger Jewett

New Rochelle, N. Y.
Amherst, Mass.
Montclair, N. J.
Longmeadow, Mass.
Woonsocket, R. I.
Minneapolis, Minn.
Columbus, Ohio
South Orange, N. J.
Washington, D. C.
Oakland, Calif.
Hamden, Conn.
Utica, N. Y.
Oakland, Maine
Grinnell, Iowa
Norwood, Mass.
Forest Hills, N. Y.
Louisville, Ky.
Rochester, N. Y.
Cleveland Heights, Ohio
Exeter, N. H.
Darien, Conn.
New York, N. Y.
New York, N. Y.
Barrington, R. I.
Chevy Chase, Md.
New York, N. Y.
Winchester, Mass.
Larchmont, N. Y.
Scarsdale, N. Y.
Glencoe, Minn.
Bronx, N. Y.
Washington, D. C.
Margate, N. J.
Northampton, Mass.
Auburn, Maine
Brooklyn, N. Y.
Darien, Conn.
Evanston, Ill.
Sarasota, Fla.
Gladwyne, Pa.
Eldon, Mo.
Great Neck, N. Y.
Rockville Centre, N. Y.

Hawkins, Douglas Warren	<i>Winchester, Mass.</i>
Heise, John William	<i>Glencoe, Ill.</i>
Henges, Lynn Richard	<i>University City, Mo.</i>
Heuer, David Allan	<i>Rochester, N. Y.</i>
Hill, Thomas Jackson, Jr.	<i>Amherst, Mass.</i>
Hindle, Peter Gage	<i>South Dartmouth, Mass.</i>
Hirt, Paul Stanley, Jr.	<i>Mount Clemens, Mich.</i>
Hochman, Charles Bruce	<i>Weehawken, N. J.</i>
Hollister, Robinson Gill, Jr.	<i>Glen Ridge, N. J.</i>
Holloway, Robert Ross	<i>West Springfield, Mass.</i>
Hovendon, Gregory Bruce	<i>Westfield, N. J.</i>
Huber, Hans Anthony	<i>Locust, N. J.</i>
Hurlbut, Cornelius Searle, Jr.	<i>Belmont, Mass.</i>
Iannotta, Benjamin Carl, Jr.	<i>Plainfield, N. J.</i>
Irwin, James Wellington	<i>Parma, Ohio</i>
Jacobson, Jay Jacob	<i>New York, N. Y.</i>
Jenkins, James Streeter	<i>Hingham, Mass.</i>
Johnson, Bruce Crane	<i>West Hartford, Conn.</i>
Johnston, Thomas McElree, Jr.	<i>Coral Gables, Fla.</i>
Jones, Bruce William	<i>Los Altos, Calif.</i>
Kalil, Charles Jeffrey	<i>Lawrence, Mass.</i>
Kallen, Roland Gilbert	<i>Newark, N. J.</i>
Karet, Jack Abraham	<i>Kenmore, N. Y.</i>
Karlin, Frederick James	<i>Winnetka, Ill.</i>
Kidder, George Wallace, III	<i>Amherst, Mass.</i>
Klein, Ira William	<i>Clayton, Mo.</i>
Klem, Charles, Jr.	<i>Mountain Lakes, N. J.</i>
Knowles, Russell, Jr.	<i>Rehoboth, Mass.</i>
Krupman, Victor Stephan	<i>University Heights, Ohio</i>
Lang, Elliott Naren	<i>Brooklyn, N. Y.</i>
Lange, William Edward	<i>Schenectady, N. Y.</i>
Leach, Charles Nelson, II	<i>Newfane, Vt.</i>
Leach, Peter John	<i>Kirkwood, Mo.</i>
Leet, Robert Arthur	<i>Ridgewood, N. J.</i>
Leff, Arthur Allen	<i>New York, N. Y.</i>
Levenstein, Alan Peter	<i>New Rochelle, N. Y.</i>
Levison, Peter Gerstle	<i>San Francisco, Calif.</i>
Lewis, William Eggleston	<i>Binghamton, N. Y.</i>
Li, James Kung-wei	<i>Ankarā, Turkey</i>
Lieberman, Samuel Halpern, II	<i>St. Louis, Mo.</i>
Lie, Hans Peter	<i>Rochester, N. Y.</i>
Linick, Evan Faller	<i>Northfield, Ill.</i>
Loud, Roger Sherman	<i>New York, N. Y.</i>

Lustig, Steven Alan	<i>Millbrook, N. Y.</i>
McCarthy, Richard Theodore	<i>Northampton, Mass.</i>
Macauley, Richard Farrington	<i>Annandale, N. J.</i>
Macdonald, Bruce Alan	<i>Windsor, Conn.</i>
McGeeney, John Stephen	<i>Manhasset, N. Y.</i>
MacLaren, Alan Ross	<i>Worcester, Mass.</i>
McLellan, Allister Matheson	<i>Pelham, N. Y.</i>
McMullan, Bruce Whittaker	<i>Philadelphia, Pa.</i>
MacQueen, Duncan Alexander	<i>Sayville, L. I., N. Y.</i>
Magee, Edgar Eugene, Jr.	<i>Corning, N. Y.</i>
Manly, William Michael	<i>Medford, Mass.</i>
Mannheim, Charles Jon	<i>Amherst, Mass.</i>
Marks, Peter	<i>New York, N. Y.</i>
Milheim, Irvine George, Jr.	<i>Sharon, Pa.</i>
Moldenhauer, Joseph John	<i>Jackson Heights, L. I., N. Y.</i>
Morgan, Charles Bedford	<i>Malone, N. Y.</i>
Nathanson, Donald Lawrence	<i>Brooklyn, N. Y.</i>
Newberg, Donald William	<i>Hamden, Conn.</i>
Nickerson, Thomas Drake	<i>Belmont, Mass.</i>
Nygren, Edward John James	<i>Wilkes-Barre, Pa.</i>
Ooms, Van Doorn	<i>La Grange, Ill.</i>
Oppenheimer, Ernest Albert	<i>New York, N. Y.</i>
Parker, Alan Currie	<i>Andover, Mass.</i>
Pasternak, Herbert Stephen	<i>Scarsdale, N. Y.</i>
Patten, Duncan T.	<i>Bloomfield Hills, Mich.</i>
Pearsall, Henry Batterman	<i>Elgin, Ill.</i>
Peterson, Charles Gordon	<i>Wellesley Hills, Mass.</i>
Phillips, John Robinson, II	<i>New Rochelle, N. Y.</i>
Pilcher, David Bogart	<i>West Newton, Mass.</i>
Pincus, Jonathan Henry	<i>Brooklyn, N. Y.</i>
Poltenson, Arnold	<i>Syracuse, N. Y.</i>
Powers, Jonathan Goble	<i>Darien, Conn.</i>
Pruyne, Robert Ellis	<i>Newton, Mass.</i>
Pusey, Walter Carroll, III	<i>Springfield, Pa.</i>
Rabbino, Michael David	<i>Brooklyn, N. Y.</i>
Radin, Eric Leon	<i>Brooklyn, N. Y.</i>
Reichert, Forest Pratt	<i>Shaker Heights, Ohio</i>
Renander, Arthur William, Jr.	<i>West Hempstead, N. Y.</i>
Reusswig, William Norton	<i>Ho-Ho-Kus, N. J.</i>
Rhodes, Douglas Barnes	<i>Englewood, N. J.</i>
Ringer, Fritz Franz Klaus	<i>Montclair, N. J.</i>
Ritter, Michael Peter	<i>Philadelphia, Pa.</i>
Roda, Peter Leonard	<i>Pittsford, N. Y.</i>

Rodgers, Theodore Stephen
 Rose, Roderick Manning
 Royse, John Nitsche
 Rumrill, Charles Clark
 Sabey, Florian Peter
 St. Clair, David Wright
 Salot, William Harry
 Saybolt, Peter May
 Scheick, John Theodore
 Schramm, Peter
 Schwartz, David Stephen
 Schwemm, John Butler
 Segal, Gerald Arthur
 Sherzer, Fredric Harold
 Smith, Frederick Milton, II
 Smyth, Douglas Roberts
 Snider, Joseph Lyons, Jr.
 Soman, Alfred
 Sowalsky, Jerome Saul
 Spence, Richard Benham
 Spencer, Thomas Ancrum, Jr.
 Steere, Allan Warren
 Steinhauer, Roger Kent
 Stephens, John Alton
 Sussman, John David
 Swatland, Thomas York
 Swift, Richard Lawrence
 Sylvester, Albert Lenthall, Jr.
 Symmes, Samuel Stowell
 Talcott, James Hart
 Teasdale, Kenneth Stratton
 Teele, Thurston Ferdinand
 Thayer, William Sumner
 Thomas, Robert Fairbanks
 Traub, Russell Goodrich
 Trimble, Robert Bacon
 Tudor, Peter Alexander
 Tyler, John Randolph, Jr.
 Vega, Arthur, Jr.
 Velton, William Lawrence
 Volpert, Richard Sidney
 Waldo, John Royal
 Walker, Richard Anderson

Short Hills, N. J.
Jackson Heights, N. Y.
Terre Haute, Ind.
Pittsford, N. Y.
Rochester, N. Y.
Cleveland Heights, Ohio
Mount Clemens, Mich.
Drexel Hill, Pa.
Silver Spring, Md.
Burlington, Iowa
New York, N. Y.
Barrington, Ill.
Pittsburgh, Pa.
New York, N. Y.
Portland, Maine
Wortendyke, N. J.
Lincoln, Mass.
Great Neck, N. Y.
Hartford, Conn.
Scarsdale, N. Y.
Chatham, N. J.
Needham, Mass.
Toledo, Ohio
Vergennes, Vt.
Yonkers, N. Y.
Newark, N. J.
Amherst, Mass.
Cohasset, Mass.
Winchester, Mass.
Litchfield, Conn.
St. Louis, Mo.
Needham, Mass.
South Duxbury, Mass.
West Hartford, Conn.
Auburn, N. Y.
Ho-Ho-Kus, N. J.
Niagara Falls, N. Y.
Canandaigua, N. Y.
Springfield, Mass.
Yakima, Wash.
White Plains, N. Y.
Newport, N. H.
Bronxville, N. Y.

Waller, Robin Whitney
 Walles, James Alton
 Warburton, Robert King
 Weil, Robert Hofflin
 Weiller, Peter James
 White, James Justesen
 White, Warren George
 Wickham, Peter Pettiner
 Wiedemann, Theodore James
 Williams, Douglas Maclin
 Williams, Roger Miller
 Winkelman, Arnold Charles
 Wolff, L. Richard
 Woodall, Dudley Hawthorne
 Wray, Peter Gregory
 Wright, Laurence Sedgwick, II
 Young, John Lotter
 Young, Laurence Retman
 Zanger, Walter Jay
 Zink, John Charles
 Zucker, Peter James

Niantic, Conn.
Malden, Mass.
Hudson, Ohio
Clayton, Mo.
New Canaan, Conn.
Harlan, Iowa
Winthrop, Mass.
Glen Head, N. Y.
Norristown, Pa.
Marlboro, N. H.
Ossining, N. Y.
Port Huron, Mich.
Elkins Park, Pa.
Wayne, N. J.
New York, N. Y.
Taylorville, Ill.
Quincy, Mass.
Riverdale, N. Y.
Brooklyn, N. Y.
Westfield, N. J.
Cleveland Heights, Ohio

Freshman Class

Alexander, Benjamin Hall
 Amabile, George Nicholas
 Anderson, James Edwin
 Anderson, Richard Lee
 Andrews, Norwood Henry, Jr.
 Andrus, Carl Huber
 Anspach, Edgar Kiser
 Ascari, William Quintin
 Asher, Robert Louis
 Atwood, James Gilbert
 Avery, James Billings
 Bagg, Robert Ely
 Barrington, Jonathan
 Barson, John George
 Bathurst, William Eric
 Bellin, Howard Theodore
 Benning, John Alan
 Biddle, Bruce
 Black, Alan Russell
 Bleser, Edward Johnson

Benton Harbor, Mich.
Princeton, N. J.
Chatham, N. J.
Glen Ridge, N. J.
Moorestown, N. J.
Bronxville, N. Y.
Highland Park, Ill.
Wallingford, Conn.
Washington, D. C.
Braintree, Mass.
Amherst, Mass.
Maplewood, N. J.
New Canaan, Conn.
Larchmont, N. Y.
Evanston, Ill.
Clifton, N. J.
Benton Harbor, Mich.
Weston, Mass.
Nixon, N. J.
Middlebury, Conn.

Bloomberg, John Isaac	<i>New Rochelle, N. Y.</i>
Boenau, Douglas Charles	<i>Flushing, N. Y.</i>
Bragdon, Dudley Acton, III	<i>Clayton, Mo.</i>
Brenner, Richard Loeb	<i>Brooklyn, N. Y.</i>
Brown, Donald Clyde	<i>Pittsburgh, Pa.</i>
Bullard, John Augustus, Jr.	<i>Fairfield, Conn.</i>
Burnett, Thomas Arthur	<i>Andover, Mass.</i>
Burt, Alvin Miller, III	<i>Stratford, Conn.</i>
Butler, Charles Alden	<i>New Rochelle, N. Y.</i>
Carlen, Robert Daniel	<i>New York, N. Y.</i>
Charles, Robert Simpson, III	<i>London, Ontario, Canada</i>
Chazin, Joel Matthew	<i>Jamaica, N. Y.</i>
Cicero, Frank, Jr.	<i>Western Springs, Ill.</i>
Clark, George Alfred, Jr.	<i>Easton, Pa.</i>
Clark, Harold Frank, Jr.	<i>Darien, Conn.</i>
Clarke, Michael deShee	<i>Katonah, N. Y.</i>
Clemence, Roger Davidson	<i>Southbridge, Mass.</i>
Cody, Thomas Joseph, Jr.	<i>Arlington, Mass.</i>
Colino, Richard Ralph	<i>Jackson Heights, N. Y.</i>
Connors, James Edward	<i>Somerville, Mass.</i>
Conroy, David Michael	<i>Middletown, Conn.</i>
Constantinople, James Dowling	<i>Washington, D. C.</i>
Covell, Carl John	<i>Merion, Pa.</i>
Craig, Thomas Goodrich	<i>Duxbury, Mass.</i>
Crane, Jeffrey Stuart	<i>Stroudsburg, Pa.</i>
Crockett, George Wallace	<i>Portland, Maine</i>
Cummings, Daniel Hillhouse	<i>Whittier, Calif.</i>
Dailey, Robert Hammond	<i>Maplewood, N. J.</i>
Damon, Peter Stanley	<i>Plymouth, Mass.</i>
Davis, Richard Whitlock	<i>Somers, Conn.</i>
deFilippi, Richard Paul	<i>New York, N. Y.</i>
DeKorte, Richard William	<i>Franklin Lakes, N. J.</i>
Dell, Glen Arthur	<i>Cadillac, Mich.</i>
Dillon, Matthew Jeremiah	<i>Ardsley-on-Hudson, N. Y.</i>
Dinkelspiel, John Randolph	<i>Rochester, N. Y.</i>
Donelson, John Garfield	<i>Jamestown, N. Y.</i>
Donnell, Harold Eugene, Jr.	<i>Baltimore, Md.</i>
Donohue, William Paul	<i>Westfield, N. J.</i>
Drobnyk, John Wendel	<i>Millburn, N. J.</i>
Dunbar, Henry Packard	<i>Englewood, N. J.</i>
Egloff, David Allen	<i>Mason City, Iowa</i>
Evans, Charles Suddards	<i>Gladwyne, Pa.</i>
Faerber, Don Bartley	<i>University City, Mo.</i>

Felton, Frederic Luther, Jr.	<i>Wellesley Hills, Mass.</i>
Flood, Stephen Balleray	<i>New York, N. Y.</i>
Furbish, George Albert	<i>Providence, R. I.</i>
Gadsby, Edward Northup, Jr.	<i>Littleton, Mass.</i>
Gardiner, Edwin Stanley	<i>New York, N. Y.</i>
Gardner, Pierce	<i>Chevy Chase, Md.</i>
Gault, James Harvey	<i>Pelham Manor, N. Y.</i>
Gibbings, Leslie George	<i>Springfield, Mass.</i>
Giffin, James Manning	<i>West Hartford, Conn.</i>
Gilbert, Edward Charles	<i>Brooklyn, N. Y.</i>
Girvin, Robert M., IV	<i>Wynnewood, Pa.</i>
Gleitsman, Rael Isaac	<i>New York, N. Y.</i>
Goldblum, Lewis Donald	<i>Clayton, Mo.</i>
Goldin, Howard	<i>Yonkers, N. Y.</i>
Gottesfeld, Stuart Alan	<i>Denver, Colo.</i>
Goutell, Carl Robert	<i>Chappaqua, N. Y.</i>
Gray, Carl Ralph	<i>Cleveland Heights, Ohio</i>
Gray, Douglas Mintie, Jr.	<i>Waban, Mass.</i>
Grayer, Stephen Poss	<i>Mt. Vernon, N. Y.</i>
Griffin, Alan Colt	<i>Glen Ellyn, Ill.</i>
Gross, Avrum Michael	<i>South Orange, N. J.</i>
Hacker, George Leonard	<i>Mt. Vernon, N. Y.</i>
Haizlip, Harold Cornelius	<i>Washington, D. C.</i>
Hall, Edward Cameron Kirk	<i>Merion, Pa.</i>
Hanson, Donald Bruce	<i>Hartford, Conn.</i>
Harkness, Robert Whitman	<i>Haworth, N. J.</i>
Harris, Timothy Mather	<i>Albany, N. Y.</i>
Hastings, James Eastman	<i>Washington, D. C.</i>
Henon, Alain	<i>St. Lambert, Brussels, Belgium</i>
Hepworth, Derek Graham	<i>Swampscott, Mass.</i>
Herzog, Thomas Ducas	<i>South Salem, N. Y.</i>
Heydt, Don Mueller	<i>Toledo, Ohio</i>
Higgins, William Waugh	<i>Worcester, Mass.</i>
Hill, Ian Capreol	<i>Rochester, N. Y.</i>
Hirsch, Richard Miles	<i>Drexel Hill, Pa.</i>
Hoffman, Edward Sander	<i>Holyoke, Mass.</i>
Holley, Marshall Rudd	<i>New Haven, Conn.</i>
Hollinshead, Warren Henry	<i>Rochester, Minn.</i>
Homer, John Robert, III	<i>Williamstown, Mass.</i>
Howard, Robert Edwin, Jr.	<i>Cincinnati, Ohio</i>
Howell, Chauncey Delphin, Jr.	<i>Easton, Pa.</i>
Howell, David Alsten	<i>Florence, Mass.</i>
Hoyt, Norris Hulbert, Jr.	<i>Arlington, Mass.</i>

Huggins, Robert Michel
 Jackson, John Wingfield, Jr.
 Jeffers, William Allen, Jr.
 Jefferson, Alfred
 Jewell, Edward Langdon
 Johns, Sheridan Waite, III
 Johnson, Arne Robert
 Jones, Thomas Cooper, Jr.
 Kambour, Edward Scott
 Kampmeier, Jack August
 Keiter, Robert Ernest
 Kermes, Kenneth Neal
 Kind, Stephen Joseph
 King, Robert John
 Kirshbaum, Gary Roy
 Kline, Peter Lee
 Knight, Eliot Spalding
 Knight, Lewis Emerson
 Knowles, Kent Nesmith
 Koopman, David Warren
 Koski, George Edward
 Lamont, Hayes Corliss
 Lane, William Morehead
 Leavitt, Richard Campbell, Jr.
 Lee, Ralph Minor
 Lehman, Harry Jac
 Leonard, Daniel, Jr.
 Levy, Thomas Robert
 Lieberman, Moses Kaufman
 Lindsay, David Taylor
 Lipton, Stanley Charles
 Long, John Aloysius, Jr.
 Luce, Dudley Gordon, Jr.
 Lyne, Stephen Richard
 McClune, David John
 McGavic, John Dickinson
 McLemore, John Whitfield
 Mann, John Gunther, Jr.
 Masson, Robert Henry
 Mathewson, George Atterbury
 Mazur, Michael Burton
 Megliola, Anthony Mark
 Megrue, George Henry

Maplewood, N. J.
Arlington, Va.
Wynnewood, Pa.
Thiensville, Wis.
Exeter, N. H.
Morrisville, Pa.
New Britain, Conn.
Roselle Park, N. J.
Warren, Mass.
Wyncote, Pa.
Maplewood, N. J.
Darien, Conn.
Philadelphia, Pa.
Westfield, Mass.
Elkins Park, Pa.
Washington, D. C.
Tucson, Ariz.
Pittsburgh, Pa.
Northport, N. Y.
Cynwyd, Pa.
Gloucester, Mass.
New York, N. Y.
Canal Winchester, Ohio
Port Chester, N. Y.
Middlebury, Vt.
Shaker Heights, Ohio
Winnetka, Ill.
New Rochelle, N. Y.
Elizabeth, N. J.
North Hills, Pa.
Jamaica, N. Y.
Holyoke, Mass.
Tarrytown, N. Y.
Rutland, Vt.
Newtown Square, Pa.
Bryn Mawr, Pa.
Louisville, Ky.
Westfield, N. J.
Belmont, Mass.
Ithaca, N. Y.
New York, N. Y.
Springfield, Mass.
New Canaan, Conn.

Meyer, John deBard	<i>Great Neck, N. Y.</i>
Michelsen, Konrad Meyer	<i>New York, N. Y.</i>
Miller, Norman Carlile	<i>Evanston, Ill.</i>
Miller, Richard Wilbur	<i>Bala Cynwyd, Pa.</i>
Min, Kong-Ki	<i>Pusan, Korea</i>
Mollenauer, James Frederick	<i>Wayne, Pa.</i>
Moores, Donald Frederick	<i>Hartford, Conn.</i>
Moriarty, Joseph Kearney	<i>Holyoke, Mass.</i>
Morton, Joseph	<i>Rochester, N. Y.</i>
Moses, George Stebbins	<i>Winnetka, Ill.</i>
Neale, Robert Schwenn	<i>Jenkintown, Pa.</i>
New, Peter Stayer	<i>Santa Fe, N. M.</i>
Nightingale, Donald Trevor	<i>Minneapolis, Minn.</i>
Niner, Arthur Marsh, Jr.	<i>Pittsford, N. Y.</i>
Norman, Joel M.	<i>New York, N. Y.</i>
Nugent, Jeffrey Bishop	<i>Mt. Vernon, N. Y.</i>
O'Brien, Louis Dickinson	<i>Chevy Chase, Md.</i>
Ogdon, Thomas Hammer	<i>Tarrytown, N. Y.</i>
Olson, Roger Grove	<i>Cambridge, Mass.</i>
Ostheimer, John Theodore, Jr.	<i>Stamford, Conn.</i>
Parkhurst, Michael Edward	<i>Gloversville, N. Y.</i>
Patrick, William Albert, Jr.	<i>Nashville, Tenn.</i>
Pease, Charles Fessenden	<i>New Britain, Conn.</i>
Perles, David Robert	<i>Brooklyn, N. Y.</i>
Pfatteicher, Philip Henry	<i>Ridley Park, Pa.</i>
Pickrell, Robert Moulton	<i>New York, N. Y.</i>
Pinkham, William Clifford	<i>Groton, Mass.</i>
Plock, Richard Henry, Jr.	<i>Burlington, Iowa</i>
Prigge, Charles Alan	<i>Northport, N. Y.</i>
Prosnitz, Leonard Richard	<i>New York, N. Y.</i>
Raff, Neil Charles	<i>Forest Hills, N. Y.</i>
Raithel, Robert Bingham, Jr.	<i>Verona, N. J.</i>
Raushenbush, John Carl	<i>Bronxville, N. Y.</i>
Reed, Frank Engelhart	<i>Short Hills, N. J.</i>
Reichert, John Frederick, IV	<i>Cleveland Heights, Ohio</i>
Reiners, Charles Henry	<i>Rochester, N. Y.</i>
Robinson, Winslow Porter	<i>San Marino, Calif.</i>
Roblin, David McLean	<i>Lexington, Mass.</i>
Rogers, William Kingsbury	<i>Glastonbury, Conn.</i>
Ronan, Clifford John	<i>West Roxbury, Mass.</i>
Rose, Frank Stevens	<i>New York, N. Y.</i>
Rotner, Howard Ezra	<i>Yonkers, N. Y.</i>
Royse, James Samuel, Jr.	<i>Terre Haute, Ind.</i>

Sabel, Richard Davis	<i>Chicago, Ill.</i>
Sanders, Franklin Dulaney	<i>Wellesley Hills, Mass.</i>
Savage, James William	<i>Larchmont, N. Y.</i>
Schechter, Alan Henry	<i>Brooklyn, N. Y.</i>
Schultz, Michael Edward	<i>Flushing, N. Y.</i>
Schupf, Henri Axel	<i>New Rochelle, N. Y.</i>
Schwartz, Alan Asher	<i>Poughkeepsie, N. Y.</i>
Scott, Roy, Jr.	<i>Hadlyme, Conn.</i>
Seery, Francis Thomas, Jr.	<i>Arlington, Mass.</i>
Seibert, Peter Clarendon	<i>Maplewood, N. J.</i>
Shepard, Jackson	<i>Princeton, N. J.</i>
Shepherd, William Geoffrey	<i>Ames, Iowa</i>
Shoenberg, Robert Edward	<i>Melrose Park, Pa.</i>
Shore, Robert Avery	<i>Brooklyn, N. Y.</i>
Silbaugh, Morgan Collins	<i>Binghamton, N. Y.</i>
Silverman, William Roger	<i>Elizabeth, N. J.</i>
Sisk, Michael Bailey	<i>Towson, Md.</i>
Sisson, Harry Mills, Jr.	<i>Westfield, N. J.</i>
Smith, Andrew Bardwell	<i>New York, N. Y.</i>
Smith, Hubbard Montgomery	<i>Pelham, N. Y.</i>
Smith, Mason Everett	<i>Gouverneur, N. Y.</i>
Smith, Robert Scudder	<i>Newtown, Conn.</i>
Smith, Trevor Gaylord	<i>Larchmont, N. Y.</i>
Sowersby, David Wilcox	<i>Kenilworth, Ill.</i>
Springer, Clement Francis, Jr.	<i>Winnetka, Ill.</i>
Stackpole, John Duke	<i>Milton, Mass.</i>
Strand, Robert Reilly	<i>Shaker Heights, Ohio</i>
Street, John Phillips, III	<i>Rochester, N. Y.</i>
Stringer, Edward Charles	<i>St. Paul, Minn.</i>
Symon, Benjamin Goodall, Jr.	<i>Bronxville, N. Y.</i>
Taft, Morgan Barnes	<i>Shaker Heights, Ohio</i>
Talcoff, Edward Lee	<i>Wellesley, Mass.</i>
Tallman, Carter Bruce	<i>Winchester, Mass.</i>
Tamke, Alexander Rexer	<i>New Orleans, La.</i>
Tannenbaum, Herbert Walter	<i>Atlantic City, N. J.</i>
Taylor, Thomas Hewitt, Jr.	<i>Cleveland Heights, Ohio</i>
Temple, Kimball Boone	<i>Hamden, Conn.</i>
Thompson, John Marcus	<i>London, Ontario, Canada</i>
Tilley, Peter Merrill	<i>Storrs, Conn.</i>
Tinker, Wesley Rayner, III	<i>Wheeling, W. Va.</i>
Todd, George Bennett	<i>Evanston, Ill.</i>
Tooman, Arthur Ronald, Jr.	<i>Racine, Wis.</i>
Townley, Raymond David	<i>Merion, Pa.</i>

Towvim, Harvey Leon	<i>Newton, Mass.</i>
Trout, Charles Hathaway	<i>Oneida, N. Y.</i>
Trowbridge, Theodore Daboll	<i>Rutherford, N. J.</i>
Tuller, Stuart Sidney, Jr.	<i>Stockbridge, Mass.</i>
Turgeon, Charles Frederic	<i>Amherst, Mass.</i>
Twombly, Robert Gray	<i>New York, N. Y.</i>
Tyson, Charles Wesley, Jr.	<i>Summit, N. J.</i>
Underhill, John Harlan	<i>New Britain, Conn.</i>
Vernon, James Kenneth	<i>Medina, N. Y.</i>
Vestner, Eliot Noble, Jr.	<i>Bronxville, N. Y.</i>
Vickery, William McCall	<i>Ridgewood, N. J.</i>
Vitzthum, Richard Carleton	<i>San Diego, Calif.</i>
Wadman, John Calvert	<i>Auburndale, Mass.</i>
Walker, John Garrard	<i>Shaker Heights, Ohio</i>
Walling, Alfred Michael	<i>Millburn, N. J.</i>
Walsh, Peter Newton	<i>St. Louis, Mo.</i>
Walton, Robert John	<i>Weston, Mass.</i>
Ward, Robert Appleby Alexander	<i>Kent, Conn.</i>
Ware, Robert Gorton	<i>Lewiston, Idaho</i>
Wasserstrom, Richard Alan	<i>Scarsdale, N. Y.</i>
Watson, Bruce Campbell	<i>Bryn Mawr, Pa.</i>
Wayland-Smith, Francis Giles	<i>Oneida, N. Y.</i>
Webster, Charles McIntyre	<i>Minneapolis, Minn.</i>
Webster, John Crosby Brown	<i>Bedford Hills, N. Y.</i>
Weinstein, Leslie Donald	<i>Middletown, N. Y.</i>
Weissman, Harold Arthur	<i>New York, N. Y.</i>
Wells, Charles Arthur, Jr.	<i>Newtown, Pa.</i>
Wendoloski, Carl Richard	<i>Hatfield, Mass.</i>
Wilan, Richard Anthony	<i>Westport, Conn.</i>
Wilber, John Franklin	<i>Briarcliff Manor, N. Y.</i>
Wood, Robert Bradley	<i>East Hartford, Conn.</i>
Wray, Michael Buckley	<i>New York, N. Y.</i>
Yale, Stephen Lake	<i>Winchester, Mass.</i>
Yohn, Michael Van Breda	<i>South Norwalk, Conn.</i>
Young, Donald Chandler, Jr.	<i>Upper Montclair, N. J.</i>
Ziegenfus, William David	<i>Swarthmore, Pa.</i>
Zigler, Paul	<i>Wellesley, Mass.</i>

Students Not Enrolled as Candidates for a Degree

Bortoli, Jérôme	<i>L'Etang La Ville, France</i>
Castro, Enrique Ochoa	<i>Morelia, Mexico</i>
Giusti, Jacques Gérard	<i>Nice, France</i>
Noel, Jean Louis	<i>Grenoble, France</i>

Rauscher, Gerhard	<i>Stuttgart, Germany</i>
Ruckdäschel, Heinz Ernst	<i>Hof, Germany</i>
Steeg, Francois Nicolas	<i>Paris, France</i>
Wright, Elsbeth Gardiner	<i>Amherst, Mass.</i>

SUMMARY OF ENROLLMENT

Fellows	24
Graduate Students	6
Seniors	240
Juniors	284
Sophomores	251
Freshmen	272
Students Not Enrolled as Candidates for a Degree	8
Total	1085

CLASSIFICATION OF UNDERGRADUATES
BY RESIDENCE

New York	302	Virginia	2
Massachusetts	159	Arizona	1
New Jersey	98	Colorado	1
Pennsylvania	90	Delaware	1
Connecticut	83	Georgia	1
Ohio	60	Idaho	1
Illinois	47	Kansas	1
Missouri	25	Nevada	1
Michigan	19	New Mexico	1
Minnesota	17	North Carolina	1
District of Columbia	16	Oklahoma	1
California	15	Tennessee	1
Maryland	15	Utah	1
Maine	11	West Virginia	1
New Hampshire	9	Canada	3
Vermont	9	Japan	2
Florida	7	Belgium	1
Indiana	6	China	1
Iowa	6	England	1
Rhode Island	6	Hawaii	1
Texas	5	Korea	1
Oregon	4	Puerto Rico	1
Washington	3	Turkey	1
Wisconsin	3	Venezuela	1
Kentucky	2		
Louisiana	2	Total	1047

V

The Alumni Associations

Alumni Associations

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(Annual Meeting in Commencement Week)

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1915	WILLIAM WHITING	1949	WORTHINGTON MAYO-SMITH
1916	CHARLES B. PECK	1950	DANIEL M. GALBREATH
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1920	HENRY B. KENNEDY		

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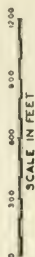
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AMHERST COLLEGE

SEPTEMBER 1933



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5 PRATT HALL
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9 FAYEWEATHER LABORATORY OF PHYSICS
10 COLLEGE GARAGE
11 CENTRAL HEATING PLANT
13 BARRETT HALL
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29 MIRBY THEATER HOUSE
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